

20001115.qrp v02_n007.qrl.20001115

Date: Wed, 15 Nov 2000 19:03:08 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2007

QRP-L Digest 2007

Topics covered in this issue include:

- 1) [84043] WTB: Super CMOS Keyer II
by Allan G Taylor <k7gt@qsl.net>
- 2) [84044] masts
by "Randall M. Payne" <randyp@strato.net>
- 3) [84045] CQ Bicycle mobile QRP'ers
by VE3JC - John C <jbcumming@wwdc.com>
- 4) [84046] Beginning Contesting and Slow Speed CW
by "James R. Duffey" <jamesd1@flash.net>
- 5) [84047] Re: transistor cross
by Anthony Bailey <abailey@clas.net>
- 6) [84048] Re:%20A%20Challenge%20to%20my%20fellow%20QRPers
by N0BN@aol.com
- 7) [84049] CW speed
by Bill ROWLETT <kc4atu@yahoo.com>
- 8) [84050] FT: Small Wonder Labs DSW-40
by "Dan Reynolds" <bcdlr@yahoo.com>
- 9) [84051] FOX - HUNT
by hamjoel@juno.com
- 10) [84052] Re: CW speed
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 11) [84053] Re: Just Countin' here in Florida
by Clay N4AOX <wyn@worldnet.att.net>
- 12) [84054] Binaural CW with PC and Soundcard
by Rohn Blake <rohn@pubrats.com>
- 13) [84055] Re: CW speed
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 14) [84056] 2n2222's and 2SC945's
by Fran Flynn <fflynn@together.net>
- 15) [84057] Re: CW speed
by "Galahad" <galahad@micron.net>
- 16) [84058] Source for 40m FT243 Crystals?
by Adrian Weiss <aweiss@usd.edu>
- 17) [84059] Re: K1 sighted on 15m
by Bob Patten <n4bp@bc.seflin.org>
- 18) [84060] MI qrp net
by "N8WVD" <casey@mufn.org>
- 19) [84061] CW a view from a DX

- by "Donny Sirait" <dsirait@centrin.net.id>
- 20) [84062] RE: Operating: Meaning of "dd"
by jr3qov@ever.sanda.gr.jp
- 21) [84063] Mast / Tower / Antenna
by John R Kirby <n3aaz-qrp@juno.com>
- 22) [84064] Re: 2n2222's and 2SC945's
by Junichi Nakajima <nakaji@crl.go.jp>
- 23) [84065] Re: Need help for Fort Worth TX
by Steve Yates <aa5tb@yahoo.com>
- 24) [84066] Club: Iowa QRP Meeting this Sunday with special guest
by "John Burnley" <burnleyia@home.com>
- 25) [84067] Kitchin regen problem
by David Siegrist <david.siegrist@compaq.com>
- 26) [84068] Re: 2n2222's and 2SC945's
by "Bruce Kizerian" <kizerian@ced.utah.edu>
- 27) [84069] PSK:Four Warbler Night
by Bill Jones <kd7s@psnw.com>
- 28) [84070] PC Laptop Info Wanted
by E L D <wd7y@pyramid.net>
- 29) [84071] NJQRP meeting Nov 18
by n2cx@voicenet.com
- 30) [84072] RE: Ameco AC-1s, 6L6s, and Theramin modulation
by "AI2Q Alex" <ai2q@ispchannel.com>
- 31) [84073] Slightly OT- Improving and preserving CW skills
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 32) [84074] [Fwd: [Elecraft] RE: WA2EUJ/KC4 Operating Schedule 11-15-00]
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 33) [84075] Brass Racer alt. battery source
by Michael Fletcher <kl7ixi@usa.net>
- 34) [84076] Re: Fox Cub and Fox (Mon,Tue)
by "Fred Lesnick" <ve3fal@hotmail.com>
- 35) [84077] Re: CW: my 2 cents' worth (long) - some thoughts
by "Mont Pierce" <MyGrapeVine@yahoo.com>
- 36) [84078] WA2EUJ/KC4 Operating Results 11-15-00
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 37) [84079] Re: Slightly OT- Improving and preserving CW skills
by baltimoremd@baltimoremd.com
- 38) [84080] Re: CW: my 2 cents' worth (long) - some thoughts
by Bruce Muscolino <w6toy@erols.com>
- 39) [84081] Re: Binaural CW with PC and Soundcard
by "bob baxter" <rbaxter@cybertrails.com>
- 40) [84082] Parts Inventory
by "Brad Hernlem" <alihernlem@hotmail.com>
- 41) [84083] FOX: W8RU Fox #7 Summary (no log)
by Ron Majewski <majewski@erim-int.com>
- 42) [84084] antenna grounding
by M Goins <mgoins@usa.net>
- 43) [84085] Re: Brass Racer alt. battery source

- by Lee Bahr <w5drc@earthlink.net>
- 44) [84086] OT: Repair flexible pc board?
by "Acito, William" <William.Acito@brooks.com>
- 45) [84087] Re: Source for 40m FT243 Crystals
by "Aartec" <aartec@dwx.com>
- 46) [84088] Re: Source for 40m FT243 Crystals
by Allan G Taylor <k7gt@qsl.net>
- 47) [84089] Re: CW: my 2 cents' worth (long) - some thoughts
by "George, W5YR" <w5yr@att.net>
- 48) [84090] FOX: Cub Fox log for Monday Nov 13
by "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>
- 49) [84091] WA2EUJ/KC4 Antartica picture
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 50) [84092] ARRL Web Page Survey has QRP component
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 51) [84093] wanted
by M Goins <mgoins@usa.net>
- 52) [84094] wanted
by M Goins <mgoins@usa.net>
- 53) [84095] RE: Source for 40m FT243 Crystals?
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 54) [84096] Great way to QSL via Internet
by "Karl F. Larsen" <k5di@zianet.com>
- 55) [84097] FOX - Team Results -
by Bruce Rattray <rattray@gpfn.sk.ca>
- 56) [84098] External portable noise filters?
by Jeff <fantbb@yahoo.com>
- 57) [84099] Re: DX Doctor simulator and CW speeds
by alan.kaul@att.net
- 58) [84100] Re: ARRL Web Page Survey has QRP component
by "W7TRX" <w7trx@mindspring.com>
- 59) [84101] Re: CW: my 2 cents' worth (long) - some thoughts
by Bill Coleman <aa4lr@arrl.net>
- 60) [84102] OK, one more post
by Chuck Adams <k7qo@primenet.com>
- 61) [84103] RFI Quieting thermostats that buzzzz.....
by "Mike Yetsko" <myetsko@insydesw.com>
- 62) [84104] FOX - Team Results -
by Bruce Rattray <rattray@gpfn.sk.ca>
- 63) [84105] RE: ARRL Web Page Survey has QRP component
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 64) [84106] CW contest simulator for PC
by Mike Manship <mjmanship@iquest.net>
- 65) [84107] Kenwood PS-430 Power Supply Manual
by "John Nall" <nally@talstar.com>
- 66) [84108] Re: CW speed
by "Victor Blackwell" <victor@brecnet.com>
- 67) [84109] Analog Devices and buy on line

- by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 68) [84110] PSK: Digpan question
by John AE5X <ae5x@juno.com>
- 69) [84111] FOX: W8RU Fox Hunt #7 Preliminary Log
by Ron Majewski <majewski@erim-int.com>
- 70) [84112] RE: PSK: Digpan question
by "John L. Sielke" <w2agn@pobox.com>
- 71) [84113] FOX: ET's Turn Tomorrow Night (Official Announcement)
by "Marshall Emm" <mgemm@technologies.com>
- 72) [84114] FT-817 is now on the air 14.040 (- +)
by ABCQRP <w6abc@yahoo.com>
- 73) [84115] Variable Capacitor supply
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 74) [84116] Re: PC Laptop Info Wanted
by david fouchey <dafouchey@home.com>
- 75) [84117] 80 Meters PSK-31 testing
by alan.kaul@att.net

Date: Tue, 14 Nov 2000 16:03:04 -0800
From: Allan G Taylor <k7gt@qsl.net>
To: qrp-l@lehigh.edu
Subject: [84043] WTB: Super CMOS Keyer II
Message-ID: <3A11D2B8.4662@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just had a clever idea for very useful mod to the K2. That would be to mount a Super CMOS II memory keyer inside and use the microphone jack (7-pin) as an interface for an external 4-pushbutton assembly / speed potentiometer controller. The paddles jack could be located on the back or on the case bottom. In any case, I need to acquire a Super CMOS II keyer as it has requires only four pushbuttons instead of the 6 with the current model Super Keyer III. I have one that is destined to go to the 2nd station being set up in Oregon but I would really like to find another one to put into the K2. I could always get the SuperKeyerIII kit and just hook up P/Bs 1, 2, 5, and 6, but that seems such a waste.

If you want to upgrade to the SuperKeyerIII and needed some prodding, consider yourself prodded. Reasonable price paid, of course.

73 GT

--

Allan Taylor K7GT Pleasanton/Livermore CA

k7gt@qsl.net or k7gt@arrl.net

Date: Tue, 14 Nov 2000 18:46:52 -0500
From: "Randall M. Payne" <randyp@strato.net>
To: qrp-1@Lehigh.EDU
Subject: [84044] masts
Message-ID: <3.0.6.32.20001114184652.007ab160@mail.strato.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks for all the replys about masts. Got some good ideas which I'll have to sort. Hope with an antenna to use that I'll get busy (I can get busier?) and build my SMK-1 and order a Warbler.

73

Randy K4EZM

Date: Tue, 14 Nov 2000 19:58:35 -0500
From: VE3JC - John C <jbcumming@wwdc.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, QRP-CANADA <qrp-canada@lists.gpfn.sk.ca>
Cc: BicycleMobileHams@egroups.com
Subject: [84045] CQ Bicycle mobile QRP'ers
Message-ID: <3A11DFBB.5BC87AB9@wwdc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have two announcements that may be of interest to bicycle mobile qrp operators:

1. The 2001 QRPedal-expedition to Dayton!

A small international contingent of QRPedalers are planning to cycle from Canada to Dayton FDIM/Hamvention in May 2001. Starting on the saturday or sunday before Dayton, we will cycle across part of Southern Ontario, invade the US via the Sunday evening Lake Erie ferry (Kingsville > Sandusky) and arrive in Dayton QRP-central the day before FDIM (for steak and honey-bourbon salmon at the Lone Star wednesday evening!)

I will post to the list with more information, as the route and other details take shape. We will certainly hope to have the chance to work many of you from the road, or from the evening campsite, or even from the ferry! We could accommodate several more keen riders, if anyone is

interested.

2. Email reflector for Bicycle Mobile Hams!

BMHA now has an eGroups discussion list, so you should certainly subscribe if you are interested in bicycle mobiling. Info can be found at:

<http://www.egroups.com/group/BicycleMobileHams>

Vy 73 & 72, John VE3JC

		VE3JC John Cumming
Q		Delaware, ON CANADA
/\		jbcumming@wwdc.com
@' /<-----		hf qrp cw bicycle mobile
(*) \(*)		http://www.geocities.com/ve3jc/

Date: Tue, 14 Nov 2000 18:11:13 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-1@lehigh.edu>
Subject: [84046] Beginning Contesting and Slow Speed CW
Message-ID: <B63730C0.370F%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Well, over the weekend I made two posts that got as much response as any post I have made before; Ole Kris Kringle soldering on the cover of QST and my question on bringing new blood into contesting.

The contesting thread quickly became a slow speed contesting issue, but I am not sure that is the problem. What I was concerned about was bringing beginning testers into CW contesting, not just those with the 5 wpm licenses. I think that it is more than the high speed CW that intimidates the beginner.

Having said tha, I still don't have any positive recommendations. But I thought the Spartan Sprint is a goo dintroduction to QRP contesting, could something similar be done for beginners? I don't think limiting the CW speed is the whole answer. Providing a low pressure contest vehicle where the thrill of competition can be experienced by the beginner is.

Thanks for all the replies. - Dr. Megacycle KK6MC/5

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Tue, 14 Nov 2000 19:31:56 -0600
From: Anthony Bailey <abailey@clas.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [84047] Re: transistor cross
Message-ID: <v04210101b637973dec0d@[192.168.0.17]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

I just wanted to say thanks for all the replies to my question about cross referencing transistors. One guy even offered to send me a couple of the one that I needed.

Thanks again, Tony

Sent from Anthony Bailey KC0HZP (mailto:abailey@clas.net)
on a PowerComputing PowerBase 180 in Marble Hill, Missouri

Date: Tue, 14 Nov 2000 21:07:54 EST
From: N0BN@aol.com
To: qrp-1@lehigh.edu
Subject: [84048] Re:%20A%20Challenge%20to%20my%20fellow%20QRPers
Message-ID: <82.2dde4d6.274349fa@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Jeff and gang,

I appreciate this general thread and it has encouraged me to wander up in the Novice bands a few times recently. I gave Ron kc0ifl his first CW QSO a few days ago and he also earned his ragchew certificate at the same time! I started at 5 W but had to crank it up to 50 as condx deteriorated.

72, Daniel n0bn

Date: Tue, 14 Nov 2000 19:02:59 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: qrp-l@LEHIGH.EDU
Subject: [84049] CW speed
Message-ID: <20001115030259.5524.qmail@web805.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Well, I was going to stay out of this, but it has gone on too long. We were all in the slow lane at one time and only improved because of practice, on air operating and ARRL code practice. Lets all slow down for the new guys no matter what part of the band they are in.

Speed does not make a good operator. Get the importance back where it belongs on operating practices, being elmers to all, and working on ones ability to send good clean code. Too much junk on the bands.

Well, thats my two cents.

73, KC4ATU

Do You Yahoo!?
Yahoo! Calendar - Get organized for the holidays!
<http://calendar.yahoo.com/>

Date: Tue, 14 Nov 2000 20:29:48 -0600
From: "Dan Reynolds" <bcdlr@yahoo.com>
To: "qrp-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [84050] FT: Small Wonder Labs DSW-40
Message-ID: <001a01c04eab\$ef830850\$ecc42581@c375497a>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a Small Wonder Labs DSW-40 in the enclosure. I built it, aligned it and have done nothing with it. There's nothing wrong with it I just haven't used it. I'd like to trade it for a SWL GM-20 or GM-75, or SWL PSK-20, or an SWL Epiphyte 3 - I'd much prefer kits but would consider built-up. Please reply off of the list.

Dan Reynolds - KB9JL0

1stUp.com - Free the Web
Get your free Internet access at <http://www.1stUp.com>

Date: Tue, 14 Nov 2000 21:37:35 -0500
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [84051] FOX - HUNT
Message-ID: <20001114.214521.-96157.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

tOLD U FOLK THINGS WAS GETTING TO GET SERIOUS...

I listened to dat fox then I listened to the hound and I went just a bit lower than the hound and I bagged me a FOX on the first shot.... which after all.... is... "THE WAY LIFE SHOULD BE" (MAINE HUMOR)

Listen to the Thunder lads, that be Cajun Thunder u heah... coming from the ne... I put up another rope and turned my ant to mi... the results speak for themself...

Was a Yankee Fox what did yelp... still breathing as I took his pelt... tufff little critter he was... till I K2 ed him... almost qrp++ ed him... either way he be cold now... lying naked in the sneaux...

Sad thing to kill, u kneaux... but him bee a fox... he gotta go...

KE1LA JOEL

IN MAINE

SUFFERING IN THE COLD

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Tue, 14 Nov 2000 19:07:42 -0800
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [84052] Re: CW speed
Message-ID: <009b01c04eb1\$38a21c60\$30202918@mshome.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think this is the best point made so far.

I always try to keep in mind that when my fingers are on the end of the paddle, the code I send has, as it's purpose, communication.

And I like to make sure my communications are as easy to understand as possible.

Sometimes, I can talk fast (QRQ) and use short cuts (abbreviate), and other times I must speak more slowly (QRS) and enunciate (spell out) every word.

Roger KD6CC

----- Original Message -----
From: "Bill ROWLETT" <kc4atu@yahoo.com>
>
> Speed does not make a good operator.

Date: Tue, 14 Nov 2000 22:13:17 -0500
From: Clay N4AOX <wyn@worldnet.att.net>
To: Vic.Winton@trafford-press.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [84053] Re: Just Countin' here in Florida
Message-ID: <3A11FF4C.7139D5ED@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Vic Winton wrote:

>
> Hey Bill,
>
> It's OK.....
> Bring the dawg.
>
> After she's voted she can chew a few ballot papers
>
> Regards,
>

> Vic Winton GW4JUN
>
> Oh no !!!!!!!!!!!!!!! Done it again...
>
> 1....
> 2....
> 3....
>

Hi Vic,

Better hurry! You know the real deadline is for all of the mass media, political hacks, and lawyers to clear out of those motel rooms in Tallahassee before all the 'gator and seminole fans arrive for the Real "Battle of Florida" (r) this weekend. If they don't clear out of those rooms that have been reserved for up to a year, they may get to report on more action than they bargained for. ;-)

72/73,
Clay N4AOX

Date: Tue, 14 Nov 2000 23:03:35 -0500 (EST)
From: Rohn Blake <rohn@pubrats.com>
To: qrp-1@lehigh.edu
Subject: [84054] Binaural CW with PC and Soundcard
Message-ID: <Pine.LNX.4.10.10011142257510.18176-100000@tavern.pubrats.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

About a week ago I posted a message wondering if anyone knew of a program that produced a binaural representation of CW with a PC's soundcard.

If anyone's interested...

<http://leden.tref.nl/~nl9222tv/software.htm>

...and the third program down, BINSTER, does just that.

For myself, I'd prefer a bit more of a stereo effect... and a different visual representation (it's more of a DigiPan-like waterfall, I prefer what CWGET shows... just what I'm used to using I guess <g>).

Don't get me wrong, the program is WONDERFUL (and small ~150K). I highly recommend anyone with even a passing curiosity give it a try. For now this program will work for me - and it gives me some freedom to play and learn

DSP programming with less urgency!

72

de Rohn, KROHN

Date: Wed, 15 Nov 2000 04:13:25 -0000
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <kc4atu@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [84055] Re: CW speed
Message-ID: <001201c04eba\$69e569e0\$88fa070a@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

After being on this list for a couple of years, I would like to think that you folks would tire of beating this poor old pelter up the track one more time!

It seems to raise it's head once a month and everyone thinks they have sometime NEW to add. NOT!!!!!!!!!! It's an OLD topic discussed ad noseum many times. Let it die, already.

I'm really angry because I have "cw speed" in my filter, but now we have "CW speed" and I need yet another filter!

de Steve, W8SFF, GRRR!

Date: Wed, 15 Nov 2000 00:22:08 -0500
From: Fran Flynn <fflynn@together.net>
To: qrp-l Discussion <qrp-l@Lehigh.EDU>
Subject: [84056] 2n2222's and 2SC945's
Message-ID: <3A121D80.9CFD64FB@together.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sylvania ECG cross reference guide:

<http://www.ecgproducts.com/>

The 2SC954 is not an exact equivalent but would probably work

for a non critical application, like audio or switching.
The 945 has a lower ft and lower max Ic rating. The 2222
is a little "beefier".

> It seems to
>work, but it'd be nice to have a
>place to cross reference the different transistors. Any ideas, web
>sites, etc..?
>Thanks, Tony

Date: Tue, 14 Nov 2000 22:52:08 -0800
From: "Galahad" <galahad@micron.net>
To: <qrp-l@Lehigh.EDU>
Subject: [84057] Re: CW speed
Message-ID: <005b01c04ed0\$92f27060\$829313d1@cnelsons>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would like to Thank everyone for this thread, I am one of those want to be
cw ops that like to talk about it but never
sits down and gets to it.

I have been a no code tech for a few years now just listening to the
local repeaters and occasionally hopping on the
weekly nets, but the real reason for starting the study was to be able to
talk half way across the country out of my backpack,

The only way to do this is with a small simple radio and that means CW!
without this list I would have no Elmer and the
latest discussion has shamed me into breaking out the tapes and get busy...

Thank you all!!!!!!!!!!

NO ADVENTURE WITHOUT ADVERSITY

Chad Nelson KD7FDU

Boise Id

----- Original Message -----

From: Steve Sorrell <ap036@detroit.freenet.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, November 14, 2000 8:13 PM
Subject: Re: CW speed

> After being on this list for a couple of years, I would like to think that
> you folks would tire of beating this poor old pelter up the track one more
> time!
> It seems to raise it's head once a month and everyone thinks they have
> sometime NEW to add. NOT!!!!!!!!!! It's an OLD topic discussed ad noseum

> many times. Let it die, already.
> I'm really angry because I have "cw speed" in my filter, but now we have
"CW
> speed" and I need yet another filter!
> de Steve, W8SFF, GRRR!
>
>
>
>

Date: Tue, 14 Nov 2000 23:58:36 -0600 (CST)
From: Adrian Weiss <aweiss@usd.edu>
To: qrp-1@lehigh.edu
Subject: [84058] Source for 40m FT243 Crystals?
Message-ID: <Pine.SOL.4.03.10011142345440.11830-1000000@sunburst.usd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi gang:

Sorry for the question since I recall seeing this very
info about 2 months ago.

Why FT243's? I took my old 1955 Novice rig out of mothballs
a couple weeks ago and got it fired up and running. Only
1 xtal on 7047 and I'd like to come down closer to 7040
to catch more QRP'rs!

Boy, what a gas. Amazing thing is that it still works. Puts
out a max of 3.5 watts with 387vdc on the 6V6 plate. The
years have contributed a better understanding of this radio
stuff. If you read my "The K8EEG Story" in HISTORY OF QRP,
you've seen the picture and recall that, just to be fancy,
I put a flashlight bulb in series with the ant output, and
stuck the bulb in a red geegaw from a toy holster belt
on the front panel. Helped to tune up and looked so great
to have a red light blinking on-off with the code! So,
measured output with the bulb in -- about 1.2 watts! Sooo,
correct the statement in HIST OF QRP that I was running
around 4 watts and substitute "a bit more than 1 watt!"

Hey, I was a kid and didn't know anything about how lighting
a flashlight bulb would cost me 4dB! Worked WAS anyhow.

Last night I replaced a dead tube in my RME-69 rcvr, got on, called CQ QRP and got a guy in MT. He was going around 5wpm actually! It was all deja vu! Novice rig and receiver and 5wpm QSO that went on for 25-minutes, during which time a very little amount of info was actually exchanged due to code speed! Any rate, the MT guy was running 100w but said he is building a 2w QRP rig. Hopefully my 3-watt sig. will motivate him since he knows QRP gets thru!

In going over the 6Vt xtal osc. rig, I can't quite figure out what I was doing. There doesn't seem to be a single run of an unspliced/soldered wire in the whole thing. For some reason, there are bits and pieces of green-insulation copper hook-up wire spliced to parts and other pieces of wire. Maybe I didn't have much wire. But, I did it fancy -- have two pieces of yellow for the filament leads, one piece of red coming back from the xtal, and a tan piece from somewhere else. Was I into professional appearance from the beginning or what?

Some of the components are strictly antique -- they were back in '55. The one tubular paper .01 capacitor has this orangish gunk drip out of the end. I wonder if it is any good?

Then, get this, a 6-turn 1.5" dia coil is inserted in the cathode lead for keying shaping etc. I air-wound it with the green wire, then to keep the shape, I wrapped 5 loops of copper wire around the winding to make it hold its shape! Is it still an inductance?

Boy, ignorance is bliss!

72, Ade

Date: Wed, 15 Nov 2000 02:22:35 -0500 (EST)
From: Bob Patten <n4bp@bc.seflin.org>
To: Allan G Taylor <k7gt@qsl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [84059] Re: K1 sighted on 15m
Message-ID: <Pine.3.89.10011150250.A12782-01000000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 14 Nov 2000, Allan G Taylor wrote:

>

> Worked N4BP yesterday running a K1 on 15m. Now how did he get it on
> 15m so fast? A very nice clean signal, sounds just about like a K2.
> Power out is 3W (he couldn't get it up to 5+). He said he LUVs it!
Great to see you Allan. Yes, that K1 is a sweet little rig.
The low output is apparently due to the 2:1 SWR on my TH7. I discovered
last night that it would make 5W into a dummy load...

>

> Actually he originally got a 40m/20m band module but then converted
> the 40m section to 15m.

With a temp controlled solder station and solder sucker, it just takes a
few minutes to remove 13 caps, 1 xtal, and 2 toroids. Found I wasn't
able to get on 40 at night and 15 would have been a better choice.

73,

Bob Patten, N4BP

(0 0)

Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org

Web Page: <http://www.qsl.net/n4bp>

Brass Pounder BBS: (954) 472-7715

QRP ARCI #3412

FISTS #7871

ARS #799

SOC #1

Whiners #6

Date: Tue, 14 Nov 2000 21:30:22 -0500

From: "N8WVD" <casey@mufn.org>

To: <qrp-1@Lehigh.EDU>

Subject: [84060] MI qrp net

Message-ID: <000201c04eed\$7b67f4c0\$02da6cc6@mufn.mufn.org>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

well, despite my best efforts listening on 3.560 +/- 5 Khz, I never heard
the net, just a real loud qso (qrp, I think....) some sideband and a lotta
local qrm.

Oh, well, better luck next week.....

72,

Kent, N8WVD

Date: Wed, 15 Nov 2000 17:33:52 +0700
From: "Donny Sirait" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [84061] CW a view from a DX
Message-ID: <003b01c04ef4\$0e1c5b20\$e2ee92ca@donnysirait>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear friends,

A lot has been discussed about the trend of radio authorities to decrease the speed requirement for a ham radio exam.

Here we in YB land still have the requirement of 5, 8 and 12 wpm for novice, general and advance license, but then you can hardly hear any YB stations on the frequency.

My operating is 60 % CW and 35% phone and 5% digital, but what discourage me from doing more CW is the behaviour of the CW operators themselves. Probably this is part because of my low proficiency in CW (I can only afford to have a straight key, and my speed is about 18 wpm now).

I can understand that my call is semi rare and quite a number of stations want my cw qsl card but that doesn't mean is is okay not to follow the operating procedures. A lot of stations never hear when I am calling and when I am listening and a lot of stations call on top of a weak signal while I am listening. Just imagine when a CW new bie probably a YC (a general class license of whom our regulation were allowed to communicate with dx station) were drawn into such pile up and still a lot of stations call while he/she is listening that will surely discourage him/her to love CW.

Therefore I suggest that if we love CW please observe the rules Listen more and send as needed, that will encourage more newbies.

Thank you for reading and please save your flames we have too much here in YB land already.

vy 72 de YB1B0D ex YB6LD
Donny Sirait
Bekasi Indonesia

Date: Wed, 15 Nov 2000 08:04 +0900
From: jr3qov@ever.sanda.gr.jp
To: qrp-1@Lehigh.EDU
Subject: [84062] RE: Operating: Meaning of "dd"
Message-ID: <200011151106.UAA08125@ever.sanda.gr.jp>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-2022-jp

mitsu de jr3qov
I do not know dd.
'do' is means tha 'can you change ja@anes code ? '
>Greetings all -
>
>Had my first USA-Japan 2*qrp qso with ji8ncz/8/qrp last night, Kazu -
he's got a
>great fist. When I told him I was running 5 watts from a K2, he
responded "k2
>dd?". I didn't know what he was asking so I resent the "K2". But then
he resent
>"K2 dd?" so I sent the serial number (OK, it was a stab in the dark)
but I still
>don't think I answered his question.
>
>Anybody know what "dd" means?
>
>thanks -
>
>Lee Hopper, KD7CTF
>Portland, OR, USA
>
>

Date: Wed, 15 Nov 2000 06:44:43 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [84063] Mast / Tower / Antenna
Message-ID: <20001115.064451.-124731.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Was . . . Subject: Re: antenna masts
From: John R Kirby <n3aaz-qrp@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Date: Tue, 14 Nov 2000 07:16:08 -0500

WOW, I am over whelmed by response for pictures and then questions and comments.

Due to the number and timing . . .
following is a growing composite of questions, replys and comments.

If others on the list are interested,
I can send photos (direct only) as attachments.

Aluminum extension ladder.
Serves several purpose . . .

- 1) Tilt over tower
- 2) Crank up tower
- 3) Corner post
- 4) Mast for V antenna
- 5) Counterpoise for vertical antenna

First saw the idea years ago on field day.
I have used it several times since.

Pictures are my email attachments and
star-dot-gif if they dont open I have other formats and "dpi".

Photo 01 is "tilted over" :
The rope going to the house is pulled through a LARGE
screw eye. The eye is screwed into a 2X8 'rafter' (NOT that poor down
spout).
The foot of aluminum ladder is chucked against the house.
The rope in view pulls the 'tower' vertical,
a small pulley attached to the screw eye would help.
The small (wood) ladder is about five feet high.
Yes, I hoist single handed, add a rotor and or
large Yagi and sure I would need some help.
Memory just kicked in,
I tuned a 4 element, 2 meter Yagi, pointer up, reflector closest to
ground, from this position too.

Photo 02 is "crank up" at one half.
Yes the tower IS half its height when first erected, that top section is
only half extended.
The rope (not visible) that comes on the extension ladder (from the
factory) "cranks" (pulls) the tower extension up.

The antenna (shown in 02) are "Plumbers Delight", top is six, bottom is
ten,

mast and boom are 2X2 wood, booms and should be varnished (with several coats),

all "clamps" are >U< bolts to include RF hot driven elements attached to wood boom.

Two feeds, separate coax goto a 1:1 toroid balun

(common configuration ... from ARRL Antenna HB page 26-11, Fig 14 >C<)

located at center of each dipole set.

Balun secondary is attached to the 1/2 inch 'thin wall' conduit elements with common hose clamps.

Due to corrosion this hose clamp configuration is not a year round setup.

All tuning (pruning) is done from the ground with MFJ 259 while in tilt over position.

Sorry dont know balun core part number (from bone yard),

I feel sure the material is farite (1.25 inch diameter X 5/8 inch wide, 3/16 thick. . . QRP for sure . . .)

To test (that is, to add or remove turns in order to achieve max bandwidth), I build two identical units, then connect them back to back (>BAL to BAL<), then terminate one (>UNBAL<) end into 50 Ohm, then connect other (>UNBAL<) end to the MFJ 259. Start with 5 turns bifilar wound, I used solid (16 or 18 ??) gauge enameled wire.

The whole nine yards is from the bone yard (other projects) dont have a penny in it.

When fully extended, due to wind, a three point guy rope system is recommended.

Yes and thanks for considering my safety : >))

that is a utility power meter on the corner of the house.

Note, too, the peak of the house,

that is ready to go (live and exposed) arckensy sparkenzy,

yes I was ready to run "if things got out of hand".

Thanks again (I need all the help I can get).

I feel sure a rotator would mount to the top of the ladder no problem.

Vertical antenna / counterpoise type question.

Over the years, I have had three verticals on this tower (one at a time)

1) the MFJ 1796, of course it doesnot require a counterpoise, I was after the extra height.

Turns out it worked just as well horizontal in the attic.

2) The RS 108 inch whip with a base mounted 'loading' coil, with good results on twenty.

3) 'Ham-stick' antenna, it is tough to adjust for low SWR (from the ground) because of inherent narrow bandwidth they require different 'stinger' adjustment dependent on height and surrounding objects.

Several bands tried with good results (but may, many crankup and down

>adjustments< required).

Field Day . . . erecting . . .

"Chucked" where ? Chocked against the rear wheel of a pick-up.

Usually a 'lot of hands available' for a pushup start and to hold guy ropes.

Also see 'gin-pole' (?spelling), (in most ARRL pubs I am sure), never seen this done but remember reading about the technique.

. . . works with / from a hip roof too . . .

"but I have a hip roof without any eaves to work with. So, it eases my mind to see that you successfully used nothing higher than the edge of the roof to pull up the ladder and secure it to the house"

Heaven?

Skyway to heaven? . . . I am sure.

almost heaven? . . . that's W V.

John
N3AAZ
FM 19 xa

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 15 Nov 2000 20:49:45 +0900
From: Junichi Nakajima <nakaji@crl.go.jp>
To: qrp-l@Lehigh.EDU
Subject: [84064] Re: 2n2222's and 2SC945's
Message-ID: <200011151147.UAA04317@ryuu.crl.go.jp>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi,

2SC945 and 2SC1815(TOSHIBA) are the most popular transistors in Japan. Latter one is present regular distribution from TOSHIBA, but plenty of 945 are still found in a market. They have marked hfe rank Y/O/GR. So check it before your

installation for certain purpose. Technically please consult via the manufacture's web site. I have no relation. One important, their pin assignment is E-C-B facing to the package. This is completely different to the E-B-C of 2N2222 plastic.

Japanese QRPP transceivers use them even as a final transistor. It produces 20 mW QRPP in 50MHz, upto 200mW in HF. Many Pixies in Japan are made with 2SC945s actually.

They can be used in any part of QRP transceiver. They are \$0.2-0.3 each in Akihabara. Complementary TRs are 2SC945-2SC733, 2SC1815-2SA1015.

GL 72,

JL1KRA Junichi

Date: Wed, 15 Nov 2000 04:59:16 -0800 (PST)
From: Steve Yates <aa5tb@yahoo.com>
To: windal@azstarnet.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [84065] Re: Need help for Fort Worth TX
Message-ID: <20001115125916.15522.qmail@web3002.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Tanner Electronics and Texas Towers are in north Texas but no where near Fort Worth. But they are the closest radio stores you're going to find other then Radio Shack and Fry's Electronics (yuk!).

Nortex Electronics as was mentioned is a neat surplus place to go to if you are a home brewer but there is no new ham equipment there. You might find a BC-610, HP spectrum analyzer, 100kV pulse capacitor, wooden propeller, or the remains of a lost customer but no FT-1000MP's. I live fairly close to Nortex and old Lewis has been a good source for hard to get components like variable capacitors, vacuum tubes, ancient knobs, etc.

=====

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://www.geocities.com/aa5tb>
aa5tb@arrl.net

Do You Yahoo!?

Yahoo! Calendar - Get organized for the holidays!

<http://calendar.yahoo.com/>

Date: Wed, 15 Nov 2000 07:16:29 -0600

From: "John Burnley" <burnleyia@home.com>

To: <qrp-l@lehigh.edu>, <IaQRP-L@divis17.ped-gen.uiowa.edu>

Subject: [84066] Club: Iowa QRP Meeting this Sunday with special guest

Message-ID: <002301c04f06\$447e4d60\$1b790818@c149552-a.west1.ia.home.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

The Iowa QRP Club will have a meeting/gathering

this Sunday November 19, 2000 beginning at 2:00 PM.

The meeting will be held at the Urbandale Public Library

in Urbandale, Iowa. The library is located just off 86th

Street past Douglas Ave.

>From Interstate 80/35 (both have joined at
this point) take the 86th Street Exit. Drive
south into Urbandale. The first stop light (past the light
at the west bound Interstate exit) will be Meredith Drive (you will
see a Walgreens to your right and Bank of America to
your left). Continue south (straight). The next light
will be Aurora. Continue south (straight). The next light
will be at the entrance/exit of Hyvee (grocery store on
your right and there will be a Wells Fargo sign on your
left). Continue south. The next light will be approximately
100 feet ahead and will be Douglas Avenue. Continue
south. The next light will be the entrance to the library.
There will be a sign that says Urbandale Civic Center.
Turn right to enter the library parking lot.

Our special guest is member #100 Wayne Burdick N6KR.

Wayne is one of the principals at Elecraft and is the designer
of many popular QRP rigs. Wayne will be in the area visiting

family. Wayne will be bringing a K1 for display and he
tells me that it will have the prototype autotuner KAT-1

installed. This is your chance to get a first hand
look at this new FB rig! (Wayne may also bring ol' #1

serial K2 as well).

Mark your calendars and plan to attend. After the meeting we will go for an additional QRPizza. More details to follow.

72, John NU0V

Date: Wed, 15 Nov 2000 08:25:04 -0500
From: David Siegrist <david.siegrist@compaq.com>
To: qrp-l@lehigh.edu
Subject: [84067] Kitchin regen problem
Message-ID: <3A128EB0.75E56BFE@compaq.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello folks,

I have put together the Kitchin regen described in QST a couple months back, and I am having a problem with it.

I put it together Manhattan style, following the articles suggestion of the flying audio detector between the volume control and the tuning cap. The oscillator operates between about 3.5 Mhz and 7.5 Mhz, and the regen control works well.

So what's the problem? The problem is that I receive few stations, and then only very poorly, with the 'stock' antenna configuration. More specifically:

- When I first completed it, I attached a 10' wire to the tuning cap, between the coil and the tuning cap, and could not get the oscillator to oscillate.
- I shortened the wire to 6", and I could indeed get it to oscillate, but could not pick up any stations.
- When I attached my 'scope probe, and ground to the oscillator to watch, the radio would pick up many, strong stations.

The probe indicates 13pf on the connector to the scope. I thought that maybe the probe and ground

combination were acting as an antenna, and that my antenna was loading down the oscillator.

- So I tried coupling the antenna through a variable cap. I connected the end of my 6" wire to a single turn pc board type variable, and connected my random wire to it. No joy...I could get the oscillator to oscillate, but could not pick up any stations. I replaced the small cap with an air variable, but that made no difference.
- I also tried loosely coupling the short wire to the long wire by twisting a few turns together...still no joy.
- I went to radio shack, and bought a 30" whip antenna, thinking that maybe there was something about its impedance that I was missing. The regen would still not receive without the scope probe, although now with the scope probe, stations were much louder.

So, I now have a portable regen radio, that I can only use while attached to my scope. I am willing to try just about any suggestion, but I very much want to understand why the radio is operating as it is now, and why the suggestion is being made. Feel free to speculate.

Please respond to me directly, as well as to the list, as I only get qrp-l in digest.

dave /nt1u qrp-l #698

--

David Siegrist
Compaq Computer Corp. Alpha Processor Development
334 South St. SHR 3-2/R28
Shrewsbury, Ma. 01545

Date: Wed, 15 Nov 2000 07:26:26 -0700
From: "Bruce Kizerian" <kizerian@ced.utah.edu>
To: <nakaji@crl.go.jp>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [84068] Re: 2n2222's and 2SC945's
Message-ID: <015801c04f10\$0a0eff80\$de56d9d8@sarcos.com>

Love those Japanese transistors! Besides those mentioned, there is, also, the 2SC1740, another high gain general purpose transistor. And, if you like to use IGFETs, the 2SK241 is a great device. Neither are easy to find here in the US--at least at a good price, but they are well worth the search.

Bruce kk7zz

Date: Wed, 15 Nov 2000 06:54:27 -0800
From: Bill Jones <kd7s@psnw.com>
To: qrp-1@lehigh.edu
Subject: [84069] PSK:Four Warbler Night
Message-ID: <3A12A3A3.5CF10777@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

Last night I called CQ with my Warbler and immediately received a call from Bill, AC6IJ from Lodi, California. Bill's Warbler was slightly overdriven so he backed it down a little bit and was 100% copy. I signed with Bill and was called by Phil, W70X from Torrence, CA. Phil was also running a Warbler and had just had a QSO with a station in Utah. I signed with Phil and was called by Mike, K1MG and Derry, VE7QK. Derry was running a Warbler from B.C. (a pretty good stretch from central California) and although he was not 100% print, it was good enough to have a QSO. Mike was the only one not running a Warbler but I suspect that will change in the near future.

I find it interesting that most of the PSK signals on 80 meters nowadays come from Warblers.

--

Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~KD7S>

Date: Wed, 15 Nov 2000 08:33:51 -0700
From: E L D <wd7y@pyramid.net>

To: qrp-1@lehigh.edu
Subject: [84070] PC Laptop Info Wanted
Message-ID: <200011150733329.SM00221@206.100.200.179>
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit

Not knowing just what I am looking for.
I have always been a Mac fan, I have a
G3 sitting on my desk.
But most ham programs are written for PC's.

I would like to get an inexpensive (used)
laptop for logging, and dup, for contests.
Also for any field operation.

If you have any recommendations such as
memory, speed, make & model, please advise me.

Also please send all info back to my adr.

Thanks Ed WD7Y

Date: Wed, 15 Nov 2000 10:54:23 US/Eastern
From: n2cx@voicenet.com
To: njqrp@njqrp.org
Cc: qrp-1@lehigh.edu
Subject: [84071] NJQRP meeting Nov 18
Message-ID: <200011151554.KAA52970@nss4.cc.lehigh.edu>

Gang,

Here's a reminder for the NJQRP meeting this Saturday Nov 18.
The meeting place will be our usual venue, the food court in the
Forrestal Center on Rt 1 near Princeton, NJ. See our web site at
www.njqrp.org for directions and a map to the location.

We encourage everyone in the area to come out and meet our gang.
We get together starting at about 9 am for an informal morning of
qrp socialization, catching up on club happenings, bragging about
operating exploits, showing off homebrew (and commercial) goodies
and anything else that comes to mind.

We are pleasantly surprised by all of the creative projects that members
bring along to show off at most meetings. One of our foremost
do-it-yourself geniuses is Tony, W2GUM who continues to

make a variety of clever gadgets and dazzles us all with them. We get lots of material for the QRP Homebrewer from these sessions and it sparks ideas in all of us for our own projects.

While we do not have an agenda there is often a "theme" to our soirees. This time we encourage all to bring their 80 meter Warblers for show and tell. A number of club members have purchased them and some have even gotten them on the air... For those who have not yet experienced PSK31 operation we also will have at least one laptop (mine) running the latest version of the favorite PSK31 software, Digipan 1.5. If anyone else has a suitably equipped laptop or even a small desktop computer running PSK software perhaps we can arrange a live QSO between Warblers right there in the food court.

Another feature of the meetings is that those of us with extra components or spare equipment bring the stuff along to share with others. I will have some extra lengths of 300 ohm twinlead and pc board scraps for giveaways and whatever else I can dig up by then.

Unfortunately George, N2APB has some unanticipated family travel in store this weekend so he will be unable to fill us in on Pacificon and his talk on the computerless portable PSK-31 project. We'll have to read about it in QHB and see it in person next time.

Due to great demand we sold out of the first batch of Warblers so we will not have any kits at the meeting. However parts for a new batch of them are on order and we expect to begin shipping them in early December. If you want to get on the wait list for these - and they will probably go like hotcakes - you can order one at the meeting or by mail. The cost is \$38 each with shipping. Checks are to be made out to George Heron.

However we have held a number of Squirt antennas aside for NJQRP members. These are half-size 80 meter dipoles with a tuned feeder and a tuner included. Kits are \$19 and include all parts for the antenna, the feedline and a Manhattan-style tuner. The antenna was intended to help 80 meter PSKers get something on the air quickly but the antenna will also work on any other HF ham band with a suitable tuner.

So please set aside this Saturday Nov 18 to come out to meet the gang and enjoy some good old NJQRP camaraderie.

72/73,

Joe E.,
N2CX

This message was sent using Voicenet WebMail.
<http://www.voicenet.com/webmail/>

Date: Wed, 15 Nov 2000 10:48:10 -0500
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: "'Doug Bankston'" <dougbankston1@yahoo.com>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [84072] RE: Ameco AC-1s, 6L6s, and Theramin modulation
Message-ID: <000401c04f1b\$7585fb00\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Doug:

The AWA is the Antique Wireless Association. It's a club whose members trace the history of radio and collect old radios and artifacts. Naturally, many members are hams, and the AWA runs "contests" (not very competitive) where the gang put old transmitters and receivers on the air! Great fun--and much of the old gear is QRP, by its very definition.

Go to <http://www.antiquewireless.org/> to see the schedule of events, etc.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: Doug Bankston [mailto:dougbankston1@yahoo.com]
Sent: Wednesday, November 15, 2000 6:52 AM
To: ai2q@ispchannel.com
Subject: RE: Ameco AC-1s, 6L6s, and Theramin modulation

Alex,

What is the AWA event??? I'm just curious, becuae
I run an old Ameco AC1/HQ 140..

Doug
W4IDW

--- AI2Q Alex <ai2q@ispchannel.com> wrote:
> George, the "secret" is QRP!

>
> A 6L6 is rated for almost 20 watts of plate
> dissipation. I run my little QRP
> rig way below that. Also, I don't really grasp the
> tube. It's more like
> placing my hand around and over the glass. That's
> all it takes to pull the
> frequency.
>
> You're probably right about the heat though--even
> from the filament alone.
> That's what makes the technique a very quick event!
> You never know when the
> ol' FCC might be listening.
>
> By the way, during the AWA event all sorts of
> old-time transmitters appear
> on the air--many of which would never be acceptable
> today. They yoop, drift,
> chirp, and buzz--and some do all of that
> simultaneously!
>
> :-)
>
> Vy 73, AI2Q -- QRP-L 687 .-.-.
>
> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> George, W5YR
> Sent: Monday, November 13, 2000 12:05 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Ameco AC-1s, 6L6s, and Theramin
> modulation
>
>
> Alex, I have to congratulate you on your courage and
> evident freedom
> from pain reflexes.
>
> Every 6L6 that I ever used - and that was a lot in
> the old days - would
> burn the living daylights out of your hand if you
> would "grasp the
> envelope" however lightly.
>
> Tell us your secret! <:}
>

> 72/73, George W5YR - the Yellow Rose of Texas
> NETXQRP 6
> Fairview, TX 30 mi NE Dallas in Collin county
> QRP-L 1373
> Amateur Radio W5YR, in the 55th year and it just
> keeps getting better!
> Icom IC-756 PRO #02121 (9/00) Kachina #91900556
> (12/99) IC-765 (6/90)
>
>
> AI2Q Alex wrote:
>
> The fun part of that is at the end of each QSO when
> I
> > reach up and lightly grasp the envelope of the
> 6L6. Although it's a xtal
> > controlled (Colpitts) oscillator, I can "pull" the
> frequency quite a bit
> > with hand capacitance, and create a Theramin-like
> sign-off that always
> gets
> > a comment from the other op!
>

Do You Yahoo!?

Yahoo! Calendar - Get organized for the holidays!

<http://calendar.yahoo.com/>

Date: Wed, 15 Nov 2000 09:57:59 -0600
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@lehigh.edu, glowbugs@piobaire.mines.uidaho.edu
Subject: [84073] Slightly OT- Improving and preserving CW skills
Message-ID: <200011151557.JAA04005@mail.lib.colum.edu>

(If you are not interested in general discussion related to preserving/promoting Morse skills, feel free to delete this now. If you *are* interested, I post this in order to draw your attention to an ongoing topic of discussion this week on the CW list at qth.net. The thread began with an Asian operator asking about the precise meaning of what he first thought was "R" but then decided was "E N" being sent by some operators at the beginning of their turn in a Morse exchange... Further discussion can

be directed to the CW list if preferred. Non-subscribers can find the list at www.qth.net.)

Thanks, Hans, I think you and I are in agreement. And when I promised myself to improve my Morse skills last winter, I decided to use a bug precisely because it allows that little bit of latitude. Once I found a way to slow it down to 18-20 wpm, I really do appreciate that and wouldn't trade it for any electronic keyer now.

I lack the years of experience (and proficiency that goes with it) but even my limited time as a ham has made this clear. I've studied a number of languages over the years, though, and recently have realized that the parallels between Morse and natural language are very significant. They have implications for both how we teach/learn code and how we use it, as well as how we can insure its survival.

For those who have used it long enough and become "fluent", Morse is definitely a language. It has nuance, inflection, and even "accents". The idioms, like that "EN" for "R", which is used only in a particular context (and isn't really an E N at all, but rather an R with emphasis placed on the middle dash) are part of what is natural in conversational Morse, just like "you all" in the southern US or that dry "e-yeah" that punctuates conversation in Maine or Vermont or the "you bet" of the upper midwestern states. These things evolve with a life of their own, and whether you like them or not (if you don't like it, don't use it) they are going to persist.

I have often heard old timers (I have a couple of years yet before I can join OTC myself, and at least six before QCWA) say that they improved their copying ability by listening to the press services, weather service, and other commercial code like maritime traffic. And I'm sure that was a good way to do it, too. Unfortunately, all those things have gone away. Just as one hears a careful, correct kind of English by listening to NPR or Peter Jennings, I'm sure one heard precise and accurate usage when listening to the UPI. Today, to hear that in Morse, we are limited to a very small number of sources (mostly W1AW code practice here in the US.)

Traffic nets are a limited, but useful possibility,

especially the slow speed ones for the less-experienced. Contests, as I've noted before, are even more limited due to the very narrow "vocabulary" involved and the predictability of the exchange. On the air ragchewing is better, but often hard to find a partner for (especially if one's speed is on the slow side of 20 or 25 wpm) and often difficult for those of us of the QRP persuasion.

Add to this the restructuring in the US, which has the effect of de-emphasizing Morse and making "phone" the official language of ham radio, and we are at a major turning point. Those of us who want to preserve Morse code for the future (and QRP ops have a particular stake in this, I think) need to make commitments now to promote and encourage its use. We need to find better ways of teaching Morse and improving skills. Above all, we need to make it easy for the beginner to use his/her limited abilities and have fun.

Repopulating 80 m. CW and the novice/tech bands is one action we should take. Activities like the Cub FOX hunt being run from the QRP-L list are a step in this direction, and we need lots more.

Perhaps a revival of the Official Bulletin Station (I know, it still exists in the League structure, but how many active ones are there?) and of code practice sessions (sent in the novice/tech subbands) with more varied content than just text from QST would also be in order. Literature, news, poetry, anything that will engage the listener's interest--how about comedy or jokes?

For the person struggling to achieve fluency (and I'm only part way there myself) at this late date, I also strongly recommend computer practice software of the type that can send you any plain language text you choose, at your preselected speed and spacing. Pick up news articles off the Web, or chapters of some great novel out of Project Gutenberg, and just listen. This is our modern day substitute for the press services and ship traffic of days gone by.

It is quite possible to prevent a natural language from dying out, and probably easier to do than reviving one from the dead (though that has been done in the case of modern Hebrew, I think.) Cases where this has been done with relative success (one example, I believe, is

Welsh) have usually depended on an officially sponsored effort to bring the language back into use among young people before the older native speakers all died out. It seems clear that, while they will not fight against such an effort, the ARRL and the FCC aren't going to do much to aid it either. Those of us who can still speak the language are going to have to take matters into our own hands to make sure that newcomers still want to learn it and become proficient. That is the challenge we face today.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Wed, 15 Nov 2000 08:05:30 -0800
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: QRP-L <qrp-l@lehigh.edu>, GQRP <gqrp@onelist.com>
Subject: [84074] [Fwd: [Elecraft] RE: WA2EUI/KC4 Operating Schedule 11-15-00]
Message-ID: <3A12B44A.DC3AC8F0@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

----- Original Message -----
Subject: [Elecraft] RE: WA2EUI/KC4 Operating Schedule 11-15-00
Date: Wed, 15 Nov 2000 00:39:06 -0500
From: "Veatch, James C. (JCV)" <JCV@arinc.com>
Reply-To: "Veatch, James C. (JCV)" <JCV@arinc.com>

Hello everyone!

The weather got bad enough that I couldn't go to the HF receiver site and listening to other HF comms it seems like propagation is better today. I'm not completely frustrated with the poor results so far, so let's try it again. 600-730Z 11-15-00, I won't be able to tell what's good until I get up there but if I find something good I'll stick with it. Look for me on:

10106
14040
18090
21040

73s
Jim Veatch, WA2EUI

Date: 15 Nov 00 08:06:56 PST
From: Michael Fletcher <kl7ixi@usa.net>
To: qrp-1@Lehigh.EDU
Subject: [84075] Brass Racer alt. battery source
Message-ID: <20001115160656.4373.qmail@nwcst286.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Looking for an alternative battery (inexpensive) for the Vibroplex Bra-
ss
Racer. Has anyone used a different battery to replace the expensive 7v
battery? =

72,
Mike KL7IXI/7
Poulsbo, WA

Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>
1

Date: Wed, 15 Nov 2000 11:08:48 EST
From: "Fred Lesnick" <ve3fal@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [84076] Re: Fox Cub and Fox (Mon,Tue)
Message-ID: <F742S6AATiyhGvDpEDi000027c1@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Great week so far for foxhunting..Worked the cub monday night 2 minutes into
the hunt, and last night worked Ron 10 minutes into the hunt...On monday
night I worked the cub from the mobile...Last night Ron was a solid 599 from
MI, but the band was in super shape, I was using a dipole instead of my
vertical and snared the old sly fox...Great work..

Fred
VE3FAL

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Share information about yourself, create your own public profile at
<http://profiles.msn.com>.

Date: Wed, 15 Nov 2000 08:10:34 -0800
From: "Mont Pierce" <MyGrapeVine@yahoo.com>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [84077] Re: CW: my 2 cents' worth (long) - some thoughts
Message-ID: <006e01c04f1e\$97cd4800\$27010101@RTA>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Bruce Muscolino <w6toy@erols.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

...

> No, you don't have to be glued to your computer two hours each day! In
> fact I would suggest you turn your computer off while you are trying to
> improve your proficiency. I know this flies in teh face of current QRP
> guru recommendations, and the computer might actually help some people,
> but you don't use CW to communicate with your computer, you use it to
> communicate with your radio!

Hmmm... I don't always have a radio handy when I have time to practice copying,
but

I always have a computer. So to me anyway, it's not which one is better (radio/
computer)

but which one is available when I've got the free time...

> I firmly believe you will gain proficiency faster if you have to deal
> with QRM, QRN, and QSB while copying CW. I raised my proficiency from
> 15 wpm to over 22 wpm by listening to W1AW several nights each week,
> never more than 30 minutes at a session. Learning code is a stressful
> task, to listen for two hours takes an advanced operator!

This still doesn't rule out a computer. One just needs to simulate the QRM, QRN,
QSB, etc to make it more realistic.

Personally I'm trying a totally different strategy, one that I've never heard of
anyone
ever using before. If it works then I'll tell you more about it.

73,
Mont
km6wt

Date: Wed, 15 Nov 2000 08:14:50 -0800
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: Elecraft mail list <elecraft@qth.net>, QRP-L <qrp-l@lehigh.edu>, GQRP
<gqrp@onelist.com>
Subject: [84078] WA2EUI/KC4 Operating Results 11-15-00
Message-ID: <3A12B67A.D1D318CB@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> From: "Veatch, James C. (JCV)" <JCV@arinc.com>
> Subject: WA2EUI/KC4 Operating Results 11-15-00
> Date: Wed, 15 Nov 2000 03:49:32 -0500
>
> Hello everyone!
>
> Well the spell is broken! I worked three stations tonight:
>
> VK4CY; Lamb Island; 14038 kHz; 0608Z
> W6NT; California; 14040 kHz; 0653Z
> YL2RP; Latvia; 14040 kHz; 0657Z
>
> I'm getting close to 250 Watts out of the K2/IC-2KL combination and I can
> still hear a lot more stations than I can work. To match the receiver in the
> K2 you'd probably need 10 kW or so.
>
> I'll let you know when I get a chance to operate again and I hope to hear
> everyone. Here is a picture of the outside of the shack. The wx is bad today
> wind 30 knots temp -11C.
>
> 73s
> Jim Veatch, WA2EUI

Date: Wed, 15 Nov 2000 11:46:35 -0500 (EST)
From: baltimoremd@baltimoremd.com
To: Gary Lee Phillips <ka9nzi@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [84079] Re: Slightly OT- Improving and preserving CW skills
Message-ID: <Pine.BSI.4.05L.10011151133260.22213-100000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 15 Nov 2000, Gary Lee Phillips wrote:

> turning point. Those of us who want to preserve Morse
> code for the future (and QRP ops have a particular stake
> in this, I think) need to make commitments now to promote
> and encourage its use.

> Repopulating 80 m. CW and the novice/tech bands is one
> action we should take.

> much to aid it either. Those of us who can still speak
> the language are going to have to take matters into our
> own hands to make sure that newcomers still want to
> learn it and become proficient. That is the challenge
> we face today.

Perhaps one way to encourage the use of CW would be not only to populate 80, hunts, etc., but maybe consider a generic Welcome to CW, or QRP, style QSL card.

While many of us have distinctive personal cards, one that welcomes a person to the mode might be considered.

80 is not the only band to consider, I hear a lot of "less than 20 wpm" ops on other bands. I'd like to see an effort to stake out some frequencies where we expressly look for slower speed contacts.

Without beating the dead horse, I have real fond memories of the ops who actually took the time to work me at 5 wpm...and the thrills of receiving a QSL card...sometimes with notes that welcomed me, and encouraged me to keep at it.

Now, more than ever before, we need to be proactive...it's up to all of us who use CW to take the time to welcome newcomers and folks who need the practice with real qso time.

Should there be some agreement about frequencies and times, I'll be happy to post the information on the QRP Web Ring.

73
thom

[illegible]

<http://www.baltimoremd.com/>

Baltimore's Home Page

<http://www.baltimorehon.com/>
<http://www.zerobeat.net>

Home of the Baltimore Lexicon
Home of The QRP Web Ring
and Drake Mail List Pages

Date: Wed, 15 Nov 2000 11:38:20 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: Mont Pierce <MyGrapeVine@yahoo.com>
Cc: qrp-l@lehigh.edu
Subject: [84080] Re: CW: my 2 cents' worth (long) - some thoughts
Message-ID: <3A12BBFC.7313@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mont,

>

> Hmmm... I don't always have a radio handy when I have time to practice copying,
but

> I always have a computer.

>

Shame on you, you should talk to your employer about your hostile
working conditions!

Really, if the truth be known, I am not all that much against the
computer for CW practice. I am against listening to the same canned
message over and over again because you'll never hear it on the air!

Practice programs that accept web items or other ASCII files are just
fine. You will be a bit behind the QRM, QRN, and QSB boys, but those
can be learned faster than the transition between 5 wpm and 20 wpm. In
fact I wrote one of the first code practice programs for the PC. Very
nice, from about 3 wpm to 30 wpm. Sent random code groups for practice
after you learned the alphabet.

>

> This still doesn't rule out a computer. One just needs to simulate the QRM,
QRN,

> QSB, etc to make it more realistic.

>

There was just such a system at one time, it was for the Comodore series
of computers and I cannot remember who marketed it at the time, but it
was a very realistic simulation of on the air CW. Unfortunately the
industry departed from realism to video games! There have been one or
two programs that tried to do more, but most, no matter how good they
sound, fall back on flash rather than real teaching!

>

> Personally I'm trying a totally different strategy, one that I've never heard of anyone

>

Keep us informed!

73

Date: Wed, 15 Nov 2000 09:42:36 -0700
From: "bob baxter" <rbaxter@cybertrails.com>
To: <rohn@pubrats.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [84081] Re: Binaural CW with PC and Soundcard
Message-ID: <001e01c04f23\$10c6fd60\$22142aa2@bobbaxte>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Tried it but am getting echoes that make it impossible to read---maybe
it's my computer/soundcard. Bob Baxter AA7EQ Bisbee, Az.

>About a week ago I posted a message wondering if anyone knew of a
program
>that produced a binaural representation of CW with a PC's soundcard.
>
>If anyone's interested...
>
><http://leden.tref.nl/~nl9222tv/software.htm>
>

Date: Wed, 15 Nov 2000 16:57:50 GMT
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [84082] Parts Inventory
Message-ID: <F25r3ukkwu1BtWdWhke00002210@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hmmm, just ran across this interesting page and thought that I would share
the link with you all:

WA1RHP's Electronic Parts Inventory

<http://hamradio.cmc corp.com/inventory/Inventory.html>

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Share information about yourself, create your own public profile at <http://profiles.msn.com>.

Date: Wed, 15 Nov 2000 12:03:46 -0500
From: Ron Majewski <majewski@erim-int.com>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [84083] FOX: W8RU Fox #7 Summary (no log)
Message-ID: <3A12C1F2.6F2D659D@erim-int.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

(Note: I tried to send this message last night but it bounced)

Hi All-

All I can say is, "WHOO-WHOO!!!" What a rush! Thank you, thank you, thank you - despite the fact that I couldn't sleep for hours. :)

I got down to the shack around 0145utc, got my equipment set up and found an open frequency. Then I got nervous. Shakey hands, butterflies in the stomach, the whole deal. Too much time to think, I guess.

"Good gracious, please don't let me screw this up" was the last thing I thought when I hit the button to call CQ. No answer. I quickly scanned everything to make sure I was actually transmitting. All was well. Another CQ, this time answered by Jim, N0UR. That was the last time my filter was set to 500Hz. N5ET was the next callsign I decoded and he was in a bunch of 3-5 others. The other 500 callers arrived after my QRZ? It's the auditory equivalent of walking into an elephant. An impenetrable wall of sound. Lots of energy arriving, no information being exchanged. :) In desperation I grabbed the RIT knob and started up the band. The chase was on.

There was fresh snow on the ground in MI tonight and you fellows were having no trouble finding me as I hopped up and down the 2kHz wide backwoods centered on 7039. I'd find one or two callers in the relative clear, grab a callsign, make a QSO, and be faced with the sound elephant

again. The details are quite fuzzy in my head, but I think I was working my way up about 1kHz and then would jump to the low side and work downward, then jump again. Whatever it was it seemed to work. The rate indicator climbed to 45 ... 60 ... 70 and topped off at 78. Time blitzed by me. The first 30 minutes disappeared, and when I next looked the first hour was gone.

Where were all of you when I was calling CQ in the Sweepstakes ten days ago? :)

The rate slowed a bit around 0330utc. The band seemed to change, the noise came up, and I had more trouble pulling out callsigns. I also ran into a couple active QSOs above and below 7039. I narrowed my search window a bit. Things picked up again after 5 minutes.

But then it was over. Jack, WA7LNW grabbed the last bit of pelt right at the end. I found my den and disappeared to nurse my wounds.

The bottom line looks like this: 127 raw QSOs with one dupe. I worked 34 states, 3 provinces, and 1 DX (how about that!?). KL7H/C6 called in from the Bahamas at 1517utc.

I have one important thing to say to all the hounds -- I experienced no collateral QRM during the actual exchanges. All I ever heard was the station giving me their information. I can't tell you how great that is and how much easier it makes things for me. Thank you for being patient and considerate during the exchanges.

I will get my log posted later today after I reformat it.

Again, many thanks to all of you for a great evening. I hope to work more of you on my next outing right after the start of the new year.

72/3,

Ron (W8RU).

Date: 15 Nov 00 12:04:30 EST
From: M Goins <mgoins@usa.net>
To: qrp-1@LeHigh.EDU
Subject: [84084] antenna grounding
Message-ID: <20001115170430.17826.qmail@aw162.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

All of my poles are now fiberglass - two extensions (35 feet each) and 67 = feet of 4 foot section fiberglass sections. Don't even have antennas in the trees at the moment.

mike
wb5yjx

Ahoy all:
I remember reading in the PolyPhaser lightning handbook that among the worst situations is to use a wooden pole for communications antennas. Several reasons were listed.

73, Pete K4LDR Citrus County, FL

Submissions: antennas@qth.net

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Wed, 15 Nov 2000 11:19:35 -0600
From: Lee Bahr <w5drc@earthlink.net>
To: kl7ixi@usa.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [84085] Re: Brass Racer alt. battery source
Message-ID: <3A12C5A7.940EA43@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike @ Company:

You have two choices:

1. Install an outboard battery such as a 9 volt transistor radio battery.
2. Reduce current draw dramatically and use an original battery ! What I did was install a sub miniature toggle switch on the right hand side of the unit. This is an on-off switch. Now, when I am not using the paddle, I flip the switch to off and I have no current draw. The

problem with the original circuit is the keyer circuit draws current all the time. There is no on-off switch. Even though the current draw is very little it is something and "on" 24 hours a day times 7 times 52 equals a lot of drain over time. My battery now lasts CONSIDERABLY longer than before I made this mod. I now can live with the battery life. If you decide to do this mod, please get the smallest toggle switch available as there is very little room to mount this switch and still have clearance when mounting the brass part to the wood base. Position the switch very carefully to obtain the necessary clearances. Remember, the guts part goes down into the wood base, so take this into account when installing the switch. I had to cut down the wood wall thickness on the inside of the base in order to have enough switch shaft depth, so I could install the outside mounting nut on the switch's threaded shaft. I bought my switch at Radio Shack. The project turned out great. The only thing you see from the outside is a tiny bat handle switch on the right hand side of my keyer's wood base.
Lee Bahr w0vt

Michael Fletcher wrote:

>
> Looking for an alternative battery (inexpensive) for the Vibroplex Brass
> Racer. Has anyone used a different battery to replace the expensive 7v
> battery?
> 72,
> Mike KL7IXI/7
> Poulsbo, WA
>
>
> -----
> Get free email and a permanent address at <http://www.netaddress.com/?N=1>

Date: Wed, 15 Nov 2000 12:33:27 -0500
From: "Acito, William" <William.Acito@brooks.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@lehigh.edu>
Subject: [84086] OT: Repair flexible pc board?
Message-ID: <857F15D7E3D8D3118D290008C7CF05860218B99D@mail-naeast1.brooks.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I have a rig with a flexible pc ribbon with a crack in a trace.
I want to repair (i.e. bridge) the trace with a solder blob.
I tried a drop of solvent (e.g. acetone) hoping it would dissolve the orange-ish
flexi material so I could solder, but to no avail.
Next I'm thinking of using my Dremel and polishing down to the bare

conductor.

Anyone have any other ideas?

Please send directly via email to me, and I'll post an overall response and resolution reply back to the list.

Bill
w1pa

Date: Wed, 15 Nov 2000 12:01:14 -0600
From: "Aartec" <aartec@dwx.com>
To: <qrp-l@Lehigh.EDU>
Subject: [84087] Re: Source for 40m FT243 Crystals
Message-ID: <000601c04f2e\$0b7ff900\$9d9fef3f@b6v6o9>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ade,
I recently built a Tuna Tin 2 1976 style and became fanatical about trying to make it look as much as possible like it was built in 1976. Back then I would have used a FT-243 xtal so I built it with a socket for that xtal. Like you, the xtal I had was on about 7047 and that was too far from the QRP freq. W1AW is kind of strong up there too!

My solution was to take apart an out of band FT-243 xtal, remove the insides, and enlarged the cavity a little with a Dremel tool. Then I purchased a 7040 xtal from Norcal (HC49U style) and put it inside the FT-243 case. I put the lid back on it and it looks like the real thing.

I think you can still purchase FT-243 xtals ground to your specs from Peterson Radio in Council Bluffs Iowa.

72
Jerry
WOPWE

Date: Wed, 15 Nov 2000 10:15:47 -0800
From: Allan G Taylor <k7gt@qsl.net>

To: qrp-1@Lehigh.EDU
Subject: [84088] Re: Source for 40m FT243 Crystals
Message-ID: <3A12D2D2.53A0@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There is an unfortunate difference between FT243 crystals and those currently available (HC49U) in that the new ones cannot take nearly the RF current. It will, of course, work just fine in a TT2 but in a tube rig would immediately fail. My first rig (QRP, as it turns out) was a 6AG7 oscillator, guaranteed to fry an HC49U crystal!

Your idea will, however, work just fine for the TT2 and is a great ruse!

GT

--

Allan Taylor K7GT Pleasanton/Livermore CA

k7gt@qsl.net or k7gt@arrl.net

Date: Wed, 15 Nov 2000 12:22:54 -0600
From: "George, W5YR" <w5yr@att.net>
To: w6toy@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [84089] Re: CW: my 2 cents' worth (long) - some thoughts
Message-ID: <3A12D47E.B7C4692B@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bruce Muscolino wrote:

> There was just such a system at one time, it was for the Comodore series
> of computers and I cannot remember who marketed it at the time, but it
> was a very realistic simulation of on the air CW.

Bruce, you are recalling the AEA DX Doctor and I think it was called the CW Doctor or something like that. But the first one was the DX Doctor for the C64 - it was a fantastic interactive program. I am really surprised that a PC version of it has not surfaced for contest training, etc. Someone is missing a bet to make some \$\$\$ in the ham market.

72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Date: Wed, 15 Nov 2000 13:26:09 -0500
From: "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>
To: John Wagner <john@neknetwork.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [84090] FOX: Cub Fox log for Monday Nov 13
Message-ID: <51643DBAD36BD411851300E0292658670181F68A@SUSDAYTE53>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

I thought I sent this out yesterday but didn't see it on the digest and checked the web out also and couldn't find it so I must have done something wrong.

This should be pretty close to final. If you do see something that should be change let me know.

Time	Call	RST	SPC	Name	Pwr
2:03	VE3FAL		339	ONT Fred	5w
2:06	K9IUA		339	ND kevin	5w
2:11	W0CH	559	M0	dave	500mw
2:20	KC1FB		559	CT jim	3w
2:24	W9WIS		559	WI mike	4w
2:27	WY1W	559	CT	butch	5w
2:29	AC5II		339	OK don	5w
2:33	N2CQ	559	NJ	ken	5w
2:42	K0FY	559	NE	chuck	5w
2:45	KC0GXX		559	NE tom	3w
2:48	KK5LD		559	TX dan	5w
2:51	AA7EQ		559	AZ bob	5w
2:55	K5OI	449	NM	tim	5w
3:03	K4FB	559	FL	paul	5w
3:06	KB1ENS		559	VT John	5w
3:08	W5YR	559	TX	geo	5w
3:11	KR5C	559	TX	george	5w
3:23	AF4PS/M		559	FL Mac	5w
3:34	K4TJD		449	GA tom	5w
3:47	K5DW	449	TX	don	5w
3:51	KI0II		549	CO ron	5w

3:57 AC5JH 449 OK tom 5w

72 de Ron, N8VAR
Cub Fox Nov. 13

Date: Wed, 15 Nov 2000 10:29:19 -0800
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: Elecraft mail list <elecraft@qth.net>, QRP-L <qrp-l@lehigh.edu>, GQRP
<gqrp@onelist.com>
Subject: [84091] WA2EUJ/KC4 Antartica picture
Message-ID: <3A12D5FF.C6AFA108@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've added a picture from Jim, WA2EUJ/KC4, of his McMurdo Station, Antarctica, shack. It is located at:
<http://www.elecraft.com/PictureGallery/pics.htm> (scroll down to the second picture.)

I'll be adding more pictures as he sends them to me.

73, Eric WA6HHQ
www.elecraft.com

Date: Wed, 15 Nov 2000 13:53:14 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.edu>
Subject: [84092] ARRL Web Page Survey has QRP component
Message-ID: <125490A005E3D3118C9C00805FC743CC0179C712@kahless.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I note that the percentage of those who plan to send Q as a prec in the phone SS is pretty low. If any of y'all plan on getting on for the phone SS, go to <http://www.arrl.org> and participate in the survey.

73,

Ed, W1RFI

ARRLWeb Survey

What Precedence (entry class) will you be sending during the phone portion of ARRL Sweepstakes the weekend of November 18-20?

Q for Single Operator QRP (5 W output or less)

etc. for the other classes.

Date: 15 Nov 00 14:10:33 EST
From: M Goins <mgoins@usa.net>
To: qrp-l@lehigh.edu
Subject: [84093] wanted
Message-ID: <20001115191033.12455.qmail@aw161.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Looking for some help finding a couple of items:

1. Small Wonder Labs white mountain 20 meter ssb rig, preferably still in=
=

kit form and with the Small Wonders Lab cabinet(should have jumped on =
the
one Steve recently posted). =

2. A single ear headset to use mobile with the TS-120. Preferably the =
=

Heil Pro single, but would consider the BM too (the Kenwood hand mike =
works
great, but I want to operate when there are others in the van). =

thanks for the bandwidth.

mike
wb5yjx =

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: 15 Nov 00 14:11:09 EST
From: M Goins <mgoins@usa.net>
To: qrp-l@lehigh.edu
Subject: [84094] wanted
Message-ID: <20001115191109.12529.qmail@aw161.netaddress.usa.net>
Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Looking for some help finding a couple of items:

1. Small Wonder Labs white mountain 20 meter ssb rig, preferably still in=
=

kit form and with the Small Wonders Lab cabinet(should have jumped on =
the
one Steve recently posted). =

2. A single ear headset to use mobile with the TS-120. Preferably the =
=

Heil Pro single, but would consider the BM too (the Kenwood hand mike =
works
great, but I want to operate when there are others in the van). =

please reply off list only. thanks for the bandwidth.

mike
wb5yjx =

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Wed, 15 Nov 2000 14:12:59 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "'aweiss@usd.edu'" <aweiss@usd.edu>, Low Power Amateur Radio Discussion <qrp-
1@Lehigh.EDU>
Subject: [84095] RE: Source for 40m FT243 Crystals?
Message-ID: <125490A005E3D3118C9C00805FC743CC0179C713@kahless.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Go to <http://www.arrl.org/tis/tisfind.html> and scroll down to the categories
list. Select "Component - Crystal Manufacturer."

73,
Ed Hare, W1RFI

-----Original Message-----

From: Adrian Weiss [mailto:aweiss@usd.edu]
Sent: Wednesday, November 15, 2000 12:59 AM
To: Low Power Amateur Radio Discussion
Subject: Source for 40m FT243 Crystals?

Hi gang:

Sorry for the question since I recall seeing this very info about 2 months ago.

Why FT243's? I took my old 1955 Novice rig out of mothballs a couple weeks ago and got it fired up and running. Only 1 xtal on 7047 and I'd like to come down closer to 7040 to catch more QRP'rs!

Boy, what a gas. Amazing thing is that it still works. Puts out a max of 3.5 watts with 387vdc on the 6V6 plate. The years have contributed a better understanding of this radio stuff. If you read my "The K8EEG Story" in HISTORY OF QRP, you've seen the picture and recall that, just to be fancy, I put a flashlight bulb in series with the ant output, and stuck the bulb in a red geegaw from a toy holster belt on the front panel. Helped to tune up and looked so great to have a red light blinking on-off with the code! So, measured output with the bulb in -- about 1.2 watts! Sooo, correct the statement in HIST OF QRP that I was running around 4 watts and substitute "a bit more than 1 watt!"

Hey, I was a kid and didn't know anything about how lighting a flashlight bulb would cost me 4dB! Worked WAS anyhow.

Last night I replaced a dead tube in my RME-69 rcvr, got on, called CQ QRP and got a guy in MT. He was going around 5wpm actually! It was all deja vu! Novice rig and receiver and 5wpm QSO that went on for 25-minutes, during which time a very little amount of info was actually exchanged due to code speed! Any rate, the MT guy was running 100w but said he is building a 2w QRP rig. Hopefully my 3-watt sig. will motivate him since he knows QRP gets thru!

In going over the 6Vt xtal osc. rig, I can't quite figure out what I was doing. There doesn't seem to be a single run of an unspliced/soldered wire in the whole thing. For some reason, there are bits and pieces of green-insulation copper hook-up wire spliced to parts and other pieces of wire. Maybe I didn't have much wire.

But, I did it fancy -- have two pieces of yellow for the filament leads, one piece of red coming back from the xtal, and a tan piece from somewhere else. Was I into professional appearance from the beginning or what?

Some of thge components are strictly antique -- they were back in '55. The one tubular paper .01 capacitor has this orangish gunk drip out of the end. I wonder if it is anygood?

Then, get this, a 6-turn 1.5" dia coil is inserted in the cathode lead for keying shaping etc. I air-wound it with the green wire, then to keep the shape, I wrapped 5 loops of copper wire around the winding to make it hold its shape! Is it still and inductance?

Boy, ignorance is bliss!

72, Ade

Date: Wed, 15 Nov 2000 12:32:47 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [84096] Great way to QSL via Internet
Message-ID: <Pine.LNX.4.10.10011151225270.1300-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I thought this would come along some time and it's here NOW! I'm designing my QSL card now after registering. The web site is:

www.eqsl.cc/qslcard

I found I had 4 DX cards to me on this site. Now I need to figure out how to get them down to me.

My card will have the Radio Telescopes near here outside of Socorro, NM USA.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Wed, 15 Nov 2000 13:41:26 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [84097] FOX - Team Results -
Message-ID: <Pine.LNX.3.95.1001115134031.25248A-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In memory of Joel, K1QM(SK) -

..Hunt #5 - KK6MC - Jim -

The Raiders of the Lost RF - 7	The Big Dawgs - 19 Clean Sweep
Mary - NA6E	ET - N1FN *
Fred - VE3FAL	Tom - N5TW *
Rob - VE6JAZ	Larry- WJ1R *
Earl - VA6RF *	Bill - K0MP *
Bruce- VE5RC	Bob - N6WG *

The ScQRPions - 17	The Flying Pigs #1 - 9
Floyd - NQ7X *	Diz - W8DIZ
Brian - K7RE *	Rick - WB6JBM
Conard- WS4S *	Dan - N8IE
Chuck - K7Q0	Brian- KB9BVN
Bob - NK7M *	Dave - KB5MHS

The Cheeseheads - 24	The Houston Hounds - 22
Brian - AE9K *	Bill - K5ZTY *
Jerry - N9AW *	Bill - W5SB *
Rick - NK9G * Clean Sweep	Terry- KQ5U * Clean Sweep
Lou - W9XU *	Dan - KK5LD *
Jim - WA9TZE *	Danny- WA50JE *

The New England Hunt Club - 9	The Swamp Rats - 16
Joel - K1QM(SK)	Paul - K4FB *
John - K1JD	Jack - K4BYF *
Jim - KC1FB *	Pete - NV4V
Aron - N10DL	Fred - W2XN *
John - KB1ENS	Tom - N1TP *
Seab - AA1MY	

The Buffalo Wings - 7	The Bayou City Brass Pounders - 21
Mark - K2Q0	Ed - K5VUU *
Dave - AA2PF	Bob - N5ET *

Howard- K2UD
Bob - K2VNM
Scott - AC3A

Henry - W5HNS * Clean Sweep
OJ - K10J *
Bruce - N1LN *

The Flying Pigs#2 - 4
Andy - N8MX
Kent - KB9VZS
Ron - N8VAR
Kenn - KM7KEN
Andrew - AC7CF

The Fox Terrors - 19
Tim - K50I *
Don - K5AAR
Karl - K5DI *
Dave - W0CH *
Doc - K0EVZ *

The Cajun Thunder - 10
Joel - KE1LA
John - K5JS
Wayne - K5EOA *
Jim - N5IB *
Tom - AC5JH *

The Underdogs - 10
Dan - N4ROA *
Roy - AB7CE
Art - KB7WW
Glenn - WA7SPY
Ron - KI0II

The VA Hams + OLW - 1
Mike - KT4FJ
Doug - W4IDW
Skip - K0YWD
John - W4IM
Paul - W2RIA

The NE-TX Tornados - 15
Bill - K5JHP
Chuck - W5USJ *
Don - K5DW *
George- W5YR *
Rich - N5JI

The Minnesota North Stars - 19
Mert - W0UFO *
Scott- N0AR *
Craig- AA0ZZ * Clean Sweep
Jim - N0UR
Pat - K0PC

The Cockroaches - 1
Gary - KM5TY
Dave - N0IT
Rich - K7SZ
Tom - WA1VAI/3
Mike - KD5CMN

The Night Owls - 4
Thom - WI8W
Jim - KJ0C
Ed - N4XY
Ronnie- KE4VPN
John - K7FD/K7LOW *

The Terminators - 6
Bill - NT1R
Thaire - W2APF
David - K7EL *
Bob - N7XY
Anthony- K8ZT *

.please let me know of any corrections I need to apply...thank
you...72 - Bruce(VE5RC+VE5QRP)

Date: Wed, 15 Nov 2000 11:52:25 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [84098] External portable noise filters?
Message-ID: <20001115195225.12869.qmail@web10005.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Kinda wondering what other use for noise filters when they go portable?
I saw that Vectronics had a couple of kits available. Any one use one
of them? Any other kits and what not I should take a look at?

72!

Jeff

=====
AB6MB
Stop censorship on mailing lists!
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798

Do You Yahoo!?
Yahoo! Calendar - Get organized for the holidays!
<http://calendar.yahoo.com/>

Date: Wed, 15 Nov 2000 19:53:18 +0000
From: alan.kaul@att.net
To: w5yr@att.net
Cc: "George, W5YR" <w5yr@att.net>, "Low Power Amateur Radio Discussion" <qrp-

l@Lehigh.EDU>

Subject: [84099] Re: DX Doctor simulator and CW speeds

Message-ID:

<20001115195319.0WGF25926.mtiwmhc28.worldnet.att.net@webmail.worldnet.att.net>

If you are a contestor, N6TR's TR-Log has a great contest simulator using call signs and full exchanges. It is a wonderful way to get ready for SS, for example, by setting the speed a couple of WPM higher than you can reliably copy --- then try it for 10-12 QSo's and see how you did. 72/73 de alan

--

Alan Kaul W6RCL e-mail:w6rcl@amsat.org

<http://worldnet.att.net/~alan.kaul/index.html>

>

>

> Bruce Muscolino wrote:

>

> > There was just such a system at one time, it was for the Comodore series
> > of computers and I cannot remember who marketed it at the time, but it
> > was a very realistic simulation of on the air CW.

>

> Bruce, you are recalling the AEA DX Doctor and I think it was called the
> CW Doctor or something like that. But the first one was the DX Doctor
> for the C64 - it was a fantastic interactive program. I am really
> surprised that a PC version of it has not surfaced for contest training,
> etc. Someone is missing a bet to make some \$\$\$ in the ham market.

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> 72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

> Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373

> Amateur Radio W5YR, in the 55th year and it just keeps getting better!

> Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Date: Wed, 15 Nov 2000 11:55:52 -0800

From: "W7TRX" <w7trx@mindspring.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [84100] Re: ARRL Web Page Survey has QRP component

Message-ID: <000d01c04f3e\$10882b60\$142179a5@fkxug>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Hare,Ed, W1RFI <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, November 15, 2000 10:53 AM
Subject: ARRL Web Page Survey has QRP component

> I note that the percentage of those who plan to send Q as a prec in the
> phone SS is pretty low. If any of y'all plan on getting on for the phone
> SS, go to <http://www.arrl.org> and participate in the survey.
> 73,
> Ed, W1RFI
> ARRLWeb Survey
> What Precedence (entry class) will you be sending during the phone portion
> of ARRL Sweepstakes the weekend of November 18-20?
> Q for Single Operator QRP (5 W output or less)
> etc. for the other classes.

I took the poll and plan to be running 5W SSB. I like a challenge. See you
on the air.

73, TR
W7TRX

Date: Wed, 15 Nov 2000 15:01:56 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <w6toy@erols.com>, "QRP" <qrp-1@Lehigh.EDU>
Subject: [84101] Re: CW: my 2 cents' worth (long) - some thoughts
Message-ID: <1001015150156.PAA20253@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 11/14/00 3:17 PM, Bruce Muscolino at w6toy@erols.com wrote:

>I firmly believe you will gain proficiency faster if you have to deal
>with QRM, QRN, and QSB while copying CW.

Years ago, I knew a Technician op whose wife managed to study enough to
pass the General exam. She had never copied a single dit off the air. One
day, when they were in the club shack, he tuned a HF rig to the CW
portion of the band and asked her to copy some CW.

Her reply was that it was impossible (!). Copying CW from the computer,
and copying it off the air are two different animals.

>Copy with a paper and pencil.

Here's where I disagree. I could copy 20 wpm with little problem on a piece of paper for the last 20 years. But for contest QSOs, or even for casual ragchews, it was awful tedious. I've been working for the last few years either to copy in my head, or copy directly to the computer keyboard. You'll notice the best operators, and the ones who enjoy CW the most copy directly in their heads.

Throw away your pencil. You'll get more enjoyment out of CW in the long run. Besides, it is REAL HARD to copy 35 wpm with a pencil.

>As you gain proficiency PRACTICE whenever you get the chance! Use the
>Novice bands, use contests, but practice until you reach your goal and
>then keep on practicing!

All it takes is practice.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Wed, 15 Nov 2000 13:10:17 +0000
From: Chuck Adams <k7qo@primenet.com>
To: qrp-l@lehigh.edu
Subject: [84102] OK, one more post
Message-ID: <4.3.2.7.0.20001115130430.00b4e100@pop.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I have placed the second file out called:

<http://www.qsl.net/k7qo/cw0002.mp3>

This is a qso between K5FO and KL7AF --- one of the stations is real.

I will replace the .mp3 later tonight or tomorrow with a smaller file. I am just learning about MP3, so bear with me, and the fact that 128Kb is too high a sampling rate. But everything else is working just peachy keen.

It took me two days to download due to ISP having problems. Why do they do that when you need them most? :-)

Everyone send qsl.net \$10 to help buy some more disk space. I don't know how many are taking advantage of Art, but everyone needs to help out and help out a lot. It is appreciated.

dit dit

Chuck Adams, K7QO Prescott, AZ

Date: Wed, 15 Nov 2000 15:25:51 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [84103] RFI Quieting thermostats that buzzzzz.....
Message-ID: <016c01c04f42\$4690bb60\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

First, a little history.

I have what's call thermal storage heat. I buy power from the utility 'off peak' for a fraction of the day price, and I heat up 'boxes' that are the size of a bookcase full of 'bricks'. My house computer interfaces to a special meter from the power company that has an LCD panel instead of dials and can break down each day into as many as 5 different time slots, and reports KWH used for EACH timeslot. This allows the meter to tell the household interface computer when the power is cheapest, and as a result suddenly suck 200+ amps from the pole, but cheaply.

Then, during ANY time of the day, these 'boxes' with the warm bricks, have what is essentially a 220v computer fan in them with a thermostat on the wall. If the room is cold, the fan turns on and very warm air comes out. If the room is warm, the fan turns off. These fans are 220v to be VERY efficient. Current draw is supposed to be a fraction of an amp, in fact, under 1 amp even in the room with the BIG heaters with 2 fans each for a total of four.

And before you ask, yes, the system saves a LOT of money. I was paying almost \$400 a month in December and January for baseboard electric heat, and I was turning off the rooms I wasn't 'living in' and the house was chilly all the time. With this new system my BIGGEST bill in 3 years has been \$213 a month, and that INCLUDES the additional \$21 monthly rental fee for the special meter. And I keep the house toasty warm... The system was projected to have a 'break even' in the payback/cost at 51 months, based on the rates at the time I did the conversion. But I'm going to beat that by a LOT. (And the side benefit is that in the summer, nights and weekends I can run my A/C full blast for pennies. Dry out the house and take the stuffiness off overnight, then just leave it closed up during the day and it never really gets too hot and humid. Besides, I have the pool for those really terrible days!)

Now, the problem is I used Honeywell thermostats for the heaters. In the living room, I put in the expensive thing with the timer and setbacks and everything. I only had to customize a 220v relay, since those things are designed for 24vac. THAT system is OK.

But all the other rooms, like the bedrooms, have a single Honeywell thermostat. The white rectangle with the dial in the middle. It's supposed to be much better than my old stuff and save money in the process.

Well, I don't know about that. But the thermostat has a problem.

Current.

It can evidently handle high current no problem. In fact, it has 10ga wiring to attach to it. Two poles, but one pole is the main 'thermostat' switch, and the other is only an 'on-off' from the limit switch, to kill the line totally if turned all the way down. I wire to JUST the thermostat switch.

But the thing goes nuts with my heaters. It cycles on just fine when the heat is called for, but when it goes to 'turn off' it doesn't break cleanly. It buzzes and hisses. Sometimes as long as 60 seconds, but usually no more than 10, and a lot of times only about 5 or so. This buzz is incredibly annoying. It will blow my modem off line, it tears up the

tv, and makes anything radio oriented useless for that timeframe.

What's weird is my thermostat in the den with dual fans DOESN'T do this, only the thermostats on the SINGLE fans. Almost as if more current makes the thing 'break' connection more cleanly.

I've already gotten all new thermostats, and they do it too after a short time in service. (These things are like \$40, but I got a case of them for cheap through an employee!)

I talked to Honeywell and they don't want to hear it. I'm using the thermostat not for it's intended purpose. After raising a bit of a stink about their 'blowoff' of me, a very nice engineer did talk to me, and he came back and said it appears that the fans are inductive and while that normally wouldn't matter, the LOW current and high 'percentage' of inductiveness is contributory to the problem. He was sorta stumped. I appreciated the call, but it surprised me that they didn't even want me to send a thermostat back to them to examine. At first they said they couldn't pay for it. But I told him I would GIVE it to him, just tell me WHY it was failing. They refused. I think they were afraid of getting in over their head to an obligation.

Now, we're talking low current here but high voltage. I was thinking of just putting a bypass cap on the line at the thermostat, something to suppress the arc so it won't start. Any suggestions???

I know, replace ALL the thermostats with that \$190 dollar computerized setback thingie... Seriously, I thought of that. At one time I saw those things discounted wholesale for about \$38 each. But then I'd have to get an external 220v relay kit for each one... hey, I'm STILL thinking about it...

Mike

Date: Wed, 15 Nov 2000 14:31:05 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [84104] FOX - Team Results -
Message-ID: <Pine.LNX.3.95.1001115141838.29488A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In memory of Joel, K1QM(SK) -

...Hunt #6 - K0PC - Pat -

The Raiders of the Lost RF - 11	The Big Dawgs - 24
Mary - NA6E *	ET - N1FN *
Fred - VE3FAL *	Tom - N5TW *
Rob - VE6JAZ	Larry- WJ1R * Clean Sweep
Earl - VA6RF *	Bill - K0MP *
Bruce- VE5RC *	Bob - N6WG *
The ScQRPions - 22	The Flying Pigs #1 - 12
Floyd - NQ7X *	Diz - W8DIZ *
Brian - K7RE *	Rick - WB6JBM
Conard- WS4S * Clean Sweep	Dan - N8IE *
Chuck - K7QO *	Brian- KB9BVN *
Bob - NK7M *	Dave - KB5MHS
The Cheeseheads - 29	The Houston Hounds - 27
Brian - AE9K *	Bill - K5ZTY *
Jerry - N9AW *	Bill - W5SB *
Rick - NK9G * Clean Sweep	Terry- KQ5U * Clean Sweep
Lou - W9XU *	Dan - KK5LD *
Jim - WA9TZE *	Danny- WA50JE *
The New England Hunt Club - 13	The Swamp Rats - 20
Joel - K1QM(SK)	Paul - K4FB *
John - K1JD *	Jack - K4BYF *
Jim - KC1FB *	Pete - NV4V *
Aron - N10DL *	Fred - W2XN
John - KB1ENS	Tom - N1TP *
Seab - AA1MY *	
The Buffalo Wings - 11	The Bayou City Brass Pounders - 26
Mark - K2QO *	Ed - K5VUU *

Dave - AA2PF *
Howard- K2UD *
Bob - K2VNM
Scott - AC3A *

Bob - N5ET *
Henry - W5HNS * Clean Sweep
OJ - K10J *
Bruce - N1LN *

The Flying Pigs#2 - 5
Andy - N8MX
Kent - KB9VZS
Ron - N8VAR *
Kenn - KM7KEN
Andrew - AC7CF

The Fox Terrors - 24
Tim - K50I *
Don - K5AAR *
Karl - K5DI * Clean Sweep
Dave - W0CH *
Doc - K0EVZ *

The Cajun Thunder - 13
Joel - KE1LA
John - K5JS *
Wayne - K5EOA *
Jim - N5IB
Tom - AC5JH *

The Underdogs - 14
Dan - N4ROA *
Roy - AB7CE
Art - KB7WW *
Glenn - WA7SPY *
Ron - KI0II *

The VA Hams + OLW - 1
Mike - KT4FJ
Doug - W4IDW
Skip - K0YWD
John - W4IM
Paul - W2RIA

The NE-TX Tornados - 19
Bill - K5JHP *
Chuck - W5USJ *
Don - K5DW *
George- W5YR *
Rich - N5JI

The Minnesota North Stars - 24
Mert - W0UFO *
Scott- N0AR *
Craig- AA0ZZ * Clean Sweep
Jim - N0UR *
Pat - K0PC *

The Cockroaches - 1
Gary - KM5TY
Dave - N0IT
Rich - K7SZ
Tom - WA1VAI/3
Mike - KD5CMN

The Night Owls - 6
Thom - WI8W
Jim - KJ0C *
Ed - N4XY
Ronnie- KE4VPN
John - K7FD/K7LOW *

The Terminators - 9
Bill - NT1R
Thaire - W2APF *
David - K7EL *
Bob - N7XY
Anthony- K8ZT *

.please let me know of any corrections I need to apply...thank
you...72 - Bruce(VE5RC+VE5QRP)

Date: Wed, 15 Nov 2000 15:45:57 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "'w7trx@mindspring.com'" <w7trx@mindspring.com>, Low Power Amateur Radio
Discussion <qrp-1@Lehigh.EDU>
Subject: [84105] RE: ARRL Web Page Survey has QRP component
Message-ID: <125490A005E3D3118C9C00805FC743CC0179C720@kahless.arrl.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I won't spend more than an hour or two Sunday afternoon, looking for QRPers.
Probably listen on 15 M and S&P. I think I had suggested 2100Z and 2300Z as
times for QRPers to be calling CQ toward the upper end of the SS pileup on
the upper bands. I will try to get on for a bit on the top of those hours
and see if I can pick off any QRPers.

Good luck to those who participate!

73,
Ed Hare, W1RFI
ARRL Laboratory Supervisor
225 Main St
Newington, CT 06111
Tel: 860-594-0318
FAX: 860-594-0259
Internet: w1rfi@arrl.org
ARRL Web: <http://www.arrl.org>
ARRL Technical Information Service: <http://www.arrl.org/tis/>

-----Original Message-----

From: W7TRX [mailto:w7trx@mindspring.com]
Sent: Wednesday, November 15, 2000 2:56 PM
To: Low Power Amateur Radio Discussion
Subject: Re: ARRL Web Page Survey has QRP component

----- Original Message -----

From: Hare,Ed, W1RFI <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, November 15, 2000 10:53 AM
Subject: ARRL Web Page Survey has QRP component

> I note that the percentage of those who plan to send Q as a prec in the
> phone SS is pretty low. If any of y'all plan on getting on for the phone
> SS, go to <http://www.arrl.org> and participate in the survey.
> 73,
> Ed, W1RFI
> ARRLWeb Survey
> What Precedence (entry class) will you be sending during the phone portion
> of ARRL Sweepstakes the weekend of November 18-20?
> Q for Single Operator QRP (5 W output or less)
> etc. for the other classes.

I took the poll and plan to be running 5W SSB. I like a challenge. See you
on the air.

73, TR
W7TRX

Date: Wed, 15 Nov 2000 16:07:54 -0500
From: Mike Manship <mjmanship@iquest.net>
To: w5yr@att.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [84106] CW contest simulator for PC
Message-ID: <3.0.6.32.20001115160754.007fc100@pop.iquest.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:22 PM 11/15/00 -0600, George, W5YR wrote:

>
>
>Bruce Muscolino wrote:
>
>> There was just such a system at one time, it was for the Comodore series
>> of computers and I cannot remember who marketed it at the time, but it

>> was a very realistic simulation of on the air CW.
>
>Bruce, you are recalling the AEA DX Doctor and I think it was called the
>CW Doctor or something like that. But the first one was the DX Doctor
>for the C64 - it was a fantastic interactive program. I am really
>surprised that a PC version of it has not surfaced for contest training,
>etc. Someone is missing a bet to make some \$\$\$ in the ham market.
>
>72/73, George W5YR - the Yellow Rose of Texas NETXQRP 6

>Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
>Amateur Radio W5YR, in the 55th year and it just keeps getting better!
>Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

Evidently such a program does exist.

<http://bbcyyber.com/cybertest.htm>

73 de Mike W90J Avon, Indiana

Date: Wed, 15 Nov 2000 16:20:01 -0500
From: "John Nall" <nally@talstar.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [84107] Kenwood PS-430 Power Supply Manual
Message-ID: <004601c04f49\$d119a6a0\$0200a2c6@dellssystem>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I managed to find an old Kenwood PS-430 13.8 VDC power supply which I can use for some projects I am doing. But there is no manual. The power plug has 6 separate wires. Testing shows that 2 are positive voltage and 2 are negative voltage. All four are 10 gauge wires. But the other two, about 14 gauge, are a mystery.

Anyone happen to have a manual that they could look that up in and let me know what those two are for? I would appreciate it much.

Puzzled in Tallahassee (for more than one reason)

John AF4WM

Date: Wed, 15 Nov 2000 16:51:39 -0500
From: "Victor Blackwell" <victor@brecnet.com>
To: <rmccarty@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [84108] Re: CW speed
Message-ID: <004901c04f4e\$3c903120\$445730d1@victor>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Roger,

Obviously you do not QSO the 50-60 WPM operators on forty meters. You have this all backwards.

Vic AD8K

>Sometimes, I can talk fast (QRQ) and use short cuts (abbreviate), and
other
>times I must speak more slowly (QRS) and enunciate (spell out) every word.
>
>Roger KD6CC

Date: Wed, 15 Nov 2000 16:20:44 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-1@Lehigh.EDU>, <GQRP@egroups.com>
Subject: [84109] Analog Devices and buy on line
Message-ID: <000501c04f52\$4bbc0620\$5ac07481@rohredt2000>

Analog Devices is a maker of op amps, IF and RF chips, and DSP chips, and if you wish to order direct go to:

<http://www.analog.com/commerce/index.html>

Someone was looking for identification on some Analog Devices (ANxxxx) parts.

their web is easy, <www.analog.com>

The first page listed is the Buy on Line information. Unfortunately for the outside North America hams, at this time they say they are selling by credit

card online to North America only. However, since the original post was re specs and information sheets, this site should answer all that.

72,
Stuart K5KVH

Date: Wed, 15 Nov 2000 17:24:31 -0500
From: John AE5X <ae5x@juno.com>
To: qrp-l@lehigh.edu
Subject: [84110] PSK: Digpan question
Message-ID: <20001115.172437.-120119.0.ae5x@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Does anyone know what that little "starburst" doodad is at the bottom-right of the pan display is? I've searched the Help files to no avail.

Thanks,

John Harper AE5X
HW-9, OHR-100A/20M, NC-40A, DSW20, SST30, SST40
Outdoor QRP: <http://www.qsl.net/ae5x>

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 15 Nov 2000 17:31:26 -0500
From: Ron Majewski <majewski@erim-int.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [84111] FOX: W8RU Fox Hunt #7 Preliminary Log
Message-ID: <3A130EBE.ECF9C58F@erim-int.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello again,

Here is the preliminary log in all its glory. I have removed the one duplicate QSO so we end up with a total of 126 hounds with a pelt.

Please let me know if there are any glaring errors.

73,

Ron (W8RU).

0200	N0UR	579	JIM	MN	5W		
0201	N5ET	559	BOB	TX	5W		
0202	KA1DDB	559	MIKE	MI	5W		
0203	KQ5U	559	TERRY	TX	5W		
0203	K10J	559	OJ	TX	5W		
0204	W3KC	569	CHAS	MD	2W		
0205	W5YR	559	GEO	TX	5W		
0206	N4ROA	599	DAN	VA	4W		
0207	K0PC	579	PAT	MN	5W		
0208	KC1FB	559	JIM	CT	5W		
0208	AJ4AY	599	JAY	AL	4W		
0209	WS4S	599	CONARD	TN	5W		
0210	W8SFF	559	STEVE	MI	5W		
0211	VE3FAL	599	FRED	ONT	5W		
0211	K1JD	599	JOHN	RI	5W		
0212	W0PWE	599	JER	IA	5W		
0213	K4FB	579	PAUL	FL	5W		
0214	NY3M	559	BILL	MD	4W		
0215	N1LN	599	BRUCE	TX	5W		
0216	KF4AR	579	RICK	NC	5W		
0217	K7RE	559	BRIAN	AZ	5W		
0218	K5DI	549	KARL	NM	5W		
0219	KE1LA	599	JOEL	ME	5W		
0219	N5TW	599	TOM	TX	5W		
0220	N5UW	599	CHRIS	OK	5W		
0221	NQ7X	559	FLOYD	AZ	5W		
0222	K5ZTY	559	BILL	TX	5W		
0223	K9IUA	559	KEVIN	ND	5W		
0224	KA3WTF	599	FRAN	PA	5W		
0225	K5AAR	559	DON	OK	5W		
0226	K0MP	559	BILL	CO	5W		
0227	KA3WMJ	559	KEN	PA	4W		
0227	AA0ZZ	559	CRAIG	MN	5W		
0229	KF0N	579	LARRY	IA	2W		
0229	N2CQ	559	KEN	NJ	5W		
0230	NT1R	559	BILL	ME	5W		

0231	W0JOE	559	JOE	MO	5W	
0232	K1CL 589	CHUCK		MA	4W	
0233	WY1WK	559	BUTCH		CT	5W
0234	N1TP 559	TOM	FL		5W	
0234	N5EN 559	STEVE		TX	5W	
0235	K5LN 559	BILL	TX		5W	
0236	K5VUU	559	ED	TX	5W	
0236	W5SB 559	BILL	TX		5W	
0237	W0RSP	569	ADE	SD	4W	
0238	N1FN 559	ET	CO		5W	
0239	K3IU 599	KEN	RI		5W	
0239	W0CH 559	DAVE	MO		5W	
0240	W2APF	559	THEO	MA	5W	
0241	K5OI 559	TIM	NM		5W	
0242	VE5RC	559	BRUCE		SK	5W
0243	K3NY 599	NICK	MD		5W	
0244	KK5LD	559	DAN	TX	5W	
0244	N2LO 559	BOB	NJ		5W	
0245	W0UFO	599	MERT	MN	3W	
0246	WJ1R 559	LARRY		CO	5W	
0247	N1ODL	559	ARON	NH	5W	
0248	KB7WW	559	ART	OR	5W	
0250	K5JHP	559	BILL	TX	5W	
0251	WA5OJE	559	DANNY		TX	5W
0252	W6ABC	579	JACK	CA	5W	
0253	W5USJ	599	CHUCK		TX	4W
0254	NK7M 579	BOB	AZ		5W	
0255	N5ZE 559	LEW	TX		5W	
0256	KB5MHS	559	DAVE	TX	5W	
0256	AC5JH	559	TOM	OK	5W	
0257	WE6W 569	ED	CA		5W	
0258	N0EHW	599	TIM	MO	5W	
0259	AB5XQ	559	BILL	AR	5W	
0300	KD5CMN	559	MIKE	TX	5W	
0300	NK6A 559	DON	CA		5W	
0301	AF4PP	579	CHUCK		GA	2W
0302	AF4PS	579	MAC	FL	4W	
0303	K4BYF	589	JACK	FL	5W	
0304	KI0II	559	RON	CO	5W	
0305	N6WG 559	BOB	CA		5W	
0305	N5IW 599	DAVE	TX		5W	
0306	N5WL 579	BART	OK		5W	
0307	K2UD 559	HOWARD		NY	5W	
0307	W7ILW	559	HOWARD		AZ	3W
0310	W2RBA	579	JOE	NY	5W	
0310	K5AEM	599	JON	TX	5W	
0311	KR5C 559	GEORGE		TX	4W	
0312	AB0GO	559	DAVE	CO	5W	

0313	K5DW	559	DON	TX	5W			
0313	WE7G	559	WAYNE	UT	5W			
0314	W0RW	579	PAUL	CO	5W			
0315	K7FD	559	JOHN	OR	5W			
0316	W5HNS		559	HENRY	TX	5W		
0317	KL7H/C6		559	BRUCE	BAHAMAS	5W		
0318	W0HEP		559	RICH	CO	5W		
0319	K5GQ/M		459	MARK	TX	5W		
0320	KI0RB		559	VINCE	CO	5W		
0321	VA6RF		559	EARL	AB	5W		
0322	N2SMH		599	DAVID	NJ	2W		
0323	K1MG	579	MIKE	CA	5W			
0324	VE6JAZ		579	ROB	AB	5W		
0325	K8CV	559	WALT	MI	5W			
0327	N9AW	559	JERRY	WI	5W			
0328	N0TU	599	STEVE	CO	5W			
0329	W9XU	559	LON	WI	5W			
0330	KJ0C	559	JIM	MO	5W			
0331	AA2PF		599	DAVE	NY	5W		
0332	W5NC	599	ZED	TX	5W			
0333	WA7SPY		559	GLENN	CA	5W		
0334	KE6JJJ		579	JERM	CA	2W		
0335	AA7EQ		559	BOB	AZ	5W		
0336	AD6JY		559	DAN	CA	5W		
0337	KD7CTF		559	LEE	OR	5W		
0338	WA7TQK		559	BILL	ID	5W		
0338	NF0R	589	DAVE	MO	1W			
0340	K0QD	559	HUGH	CO	5W			
0341	K2FN	559	FRANK	NJ	5W			
0342	AB0CD		559	DICK	CO	5W		
0344	AC3A	559	SCOTT	NY	5W			
0345	N2ZHY		559	DAVID	NJ	5W		
0345	AB8DF		559	ED	MI	5W		
0346	N0DSP		559	TOM	CO	5W		
0347	K7Q0	559	CHUCK	AZ	2W			
0348	W5TB	559	DOC	TX	5W			
0351	KV2X	559	TOM	NY	5W			
0351	NW7DX		559	BEN	WA	5W		
0355	K5EOA		559	WAYNE	LA	5W		
0355	N0AR	559	SCOTT	MN	5W			
0357	W4IM	559	JOHN	VA	3W			
0359	WA7LNW		559	JACK	UT	5W		
0000	W8RU		559	FOX	MI	5W		

Date: Wed, 15 Nov 2000 17:31:48 -0500 (EST)
 From: "John L. Sielke" <w2agn@pobox.com>

To: John AE5X <ae5x@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [84112] RE: PSK: Digpan question
Message-ID: <XFMail.001115173148.w2agn@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

It's a little tuning thingummy, like the original PSK31 program. When tuned correctly, should be a vertical green line. Nostalgic, but not too useful anymore.

John W2AGN

On 15-Nov-00 John AE5X wrote:

> Does anyone know what that little "starburst" doodad is at the
> bottom-right of the pan display is? I've searched the Help files to no
> avail.
>
> Thanks,
>
> John Harper AE5X

Date: Wed, 15 Nov 2000 15:36:53 -0700
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu
Subject: [84113] FOX: ET's Turn Tomorrow Night (Official Announcement)
Message-ID: <3A12AD95.10049.71F97B@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

ET will be phoning home tomorrow night.... catch me if you can!
Free Pelts for All!

If you haven't worked a fox before-- please try! I'll tell you everything you need to know, and guarantee you my best efforts to work you regardless of your speed, experience, or signal strength. The last two hunts have been barn-burners thanks to a fortuitous combination of excellent propagation, skilled foxes, and skilled hounds. No reason we can't set some more records tomorrow night....

I'll be the FOX tomorrow evening. That's Thursday, for two hours from 7pm MST (6pm PST, 8pm CST, 9pm EST), here in the US. Or 0200Z Friday for those of you outside these longitudes.

I'll be poking my head out of the den somewhere around 7.042, depending on conditions and QRM.

Here are some "procedural notes" that are designed to guarantee you a pelt--

I will be sending my exchange fast--

559 C0 ET 5W

--and will usually prefix AND suffix the hound's call. In other words a typical exchange from me will be K0EVZ TU 559 C0 ET 5W K0EVZ BK. The theory is that you will hear my exchange many times, and it's even printed here, so all you really have to listen for is your own callsign which will usually be sent slower.

In previous hunts I have had some success sending my exchange at 35-40wpm, then slowing down to send the hound's call. I have also been known to run short LISTS. For example I might acknowledge DOC then immediately send to another station. So please listen to what I am doing-- it might be YOU who I am calling!

Please send your call ONCE, and spread out away from my transmitting frequency. Please avoid operating zero-beat with my transmitting frequency if you can. I will listen up and down as far as I need to, possibly as much as 3 or 4 KHz, but remember the onus is on you not to interfere with other QS0s. The reason for asking you to call once and keep away from my transmitting frequency is that when there are many stations calling, I will probably be working a station before you can send your call a second time, so repeating your call is just going to cause QRM for the exchange that is underway. Later, if you hear me calling CQ or QRZ? it will be a different story. There are no hard and fast rules, and I will adapt my technique as needed and you can certainly do the same.

Please don't repeat your information! If I don't copy your entire exchange I will ask for a repeat in the form of CALL?, ST? (state), NAME?, PWR?. Or just AGN? if I need the whole exchange. Repeating your info just takes extra time which could cost someone else a pelt.

Please be patient-- I do WANT to give you a pelt, and if I can hear you I will work you eventually. I was thinking about suggesting that some of you wait till the second hour, but propagation can change so much that a station that is heard in the first hour might be impossible the second. Main thing is to remember that if I haven't called you after several tries you should not give up. Patience pays off!

I'll be using the OHR500 running 5W to a Force-12 C4 at 40'. Backup rig is the OHR100A, and backup antenna is the GAP Titan. I'll use the CMOS III keyer, Schurr Profi paddle, and external SCAF filter as needed. I have more backup keyers and paddles than I can list [g]. I'll be logging on paper and transcribing later.

I've prepared a special QSL card for the fox hunt, so if you need or want CQ just send me your card.

In the immortal words of our first Prez, George WA, "It is a fine day for a fox chase, my boys."

Good hunting, and may the Fox be with you!

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Wed, 15 Nov 2000 14:34:06 -0800 (PST)
From: ABCQRP <w6abc@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [84114] FT-817 is now on the air 14.040 (- +)
Message-ID: <20001115223406.11633.qmail@web2101.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi All,
Just got it on the air. FT-817 is on 14.040 up or down beginning at 22:40 for about a half hour.
W6ABC in Oakland, CA.
73,
Jack W6ABC

Do You Yahoo!?
Yahoo! Calendar - Get organized for the holidays!
<http://calendar.yahoo.com/>

Date: Wed, 15 Nov 2000 16:55:13 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-1@Lehigh.EDU>

Subject: [84115] Variable Capacitor supply
Message-ID: <002d01c04f57\$1d663340\$5ac07481@rohredt2000>

Gang,

I was perusing the Oren Elliott Co. web page listed this week as a source of variable caps and a roller inductor of 28 micro henry, with 0.01 micro henry resolution. (!)

I was amazed to find the company has been around under other names since 1925, and produced the staggering quantity of 3500 capacitors per day in World War 2. That means there are still a lot of capacitors out there somewhere in junk boxes, under swap meet tables etc. Maybe there should be a concerted effort to make large stashes known to the parts vendors that cater to QRP, kit companies, etc.

I have not heard anyone mention Dan's Small Parts in some months, is he still around? He used to have the wide variety of parts builders need for QRP scratch built projects.

72, Stuart K5KVH

Date: Wed, 15 Nov 2000 18:47:43 -0500
From: david fouchey <dafouchey@home.com>
To: wd7y@pyramid.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [84116] Re: PC Laptop Info Wanted
Message-ID: <3A13209F.37B27BF5@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For inexpensive refurbished laptops try 123Compute over in Canada, good prices, quick response and I've had no complaints with the service from them.

<http://www.123compute.com>

No affiliation just a happy customer.

Dave
WA4EMR/8

E L D wrote:
>

> Not knowing just what I am looking for.
> I have always been a Mac fan, I have a
> G3 sitting on my desk.
> But most ham programs are written for PC's.
>
> I would like to get an inexpensive (used)
> laptop for logging, and dup, for contests.
> Also for any field operation.
>
> If you have any recommendations such as
> memory, speed, make & model, please advise me.
>
> Also please send all info back to my adr.
>
> Thanks Ed WD7Y

Date: Wed, 15 Nov 2000 23:58:59 +0000
From: alan.kaul@att.net
To: w6rcl@aol.com
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [84117] 80 Meters PSK-31 testing
Message-ID:
<20001115235900.R0FM25926.mtiwmhc28.worldnet.att.net@webmail.worldnet.att.net>

My 80M Warbler has not arrived yet, but I have a PSK-31 interface and would love to test my signal, IMD, etc., using my FT-847 (at QRP levels, of course)! I hope to be operating on 80M, tonight (Wed) approx 8-10pm PST, (Thursday 11/16 04-06 GMT). I would appreciate finding some other QRP stations on frequency who might be able to "coach" me on proper transmitter adjustment, etc.

Will look for you! 72/73 de alan

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Alan Kaul W6RCL e-mail: w6rcl@amsat.org
<http://worldnet.att.net/~alan.kaul/index.html>

End of QRP-L Digest 2007

